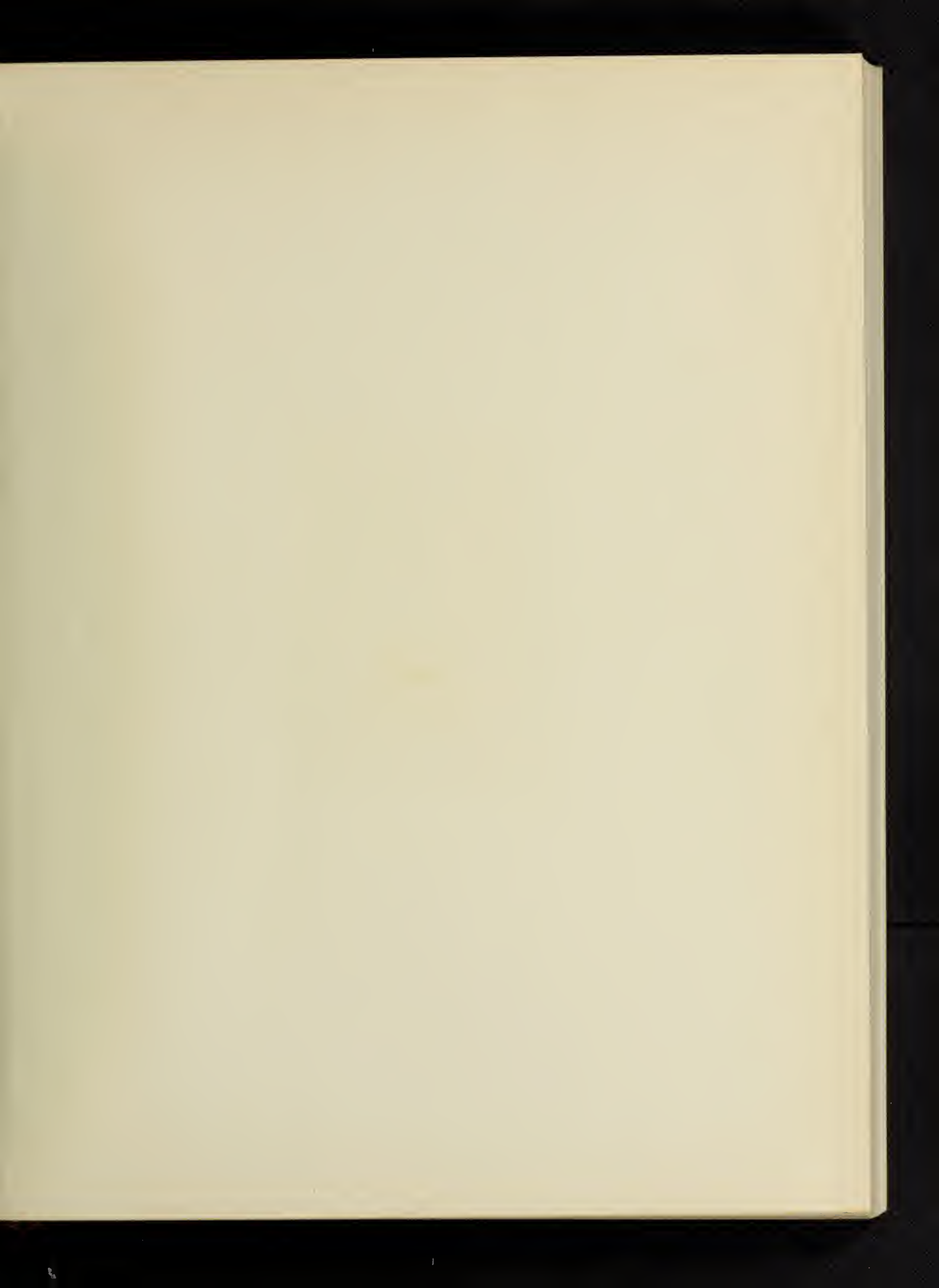
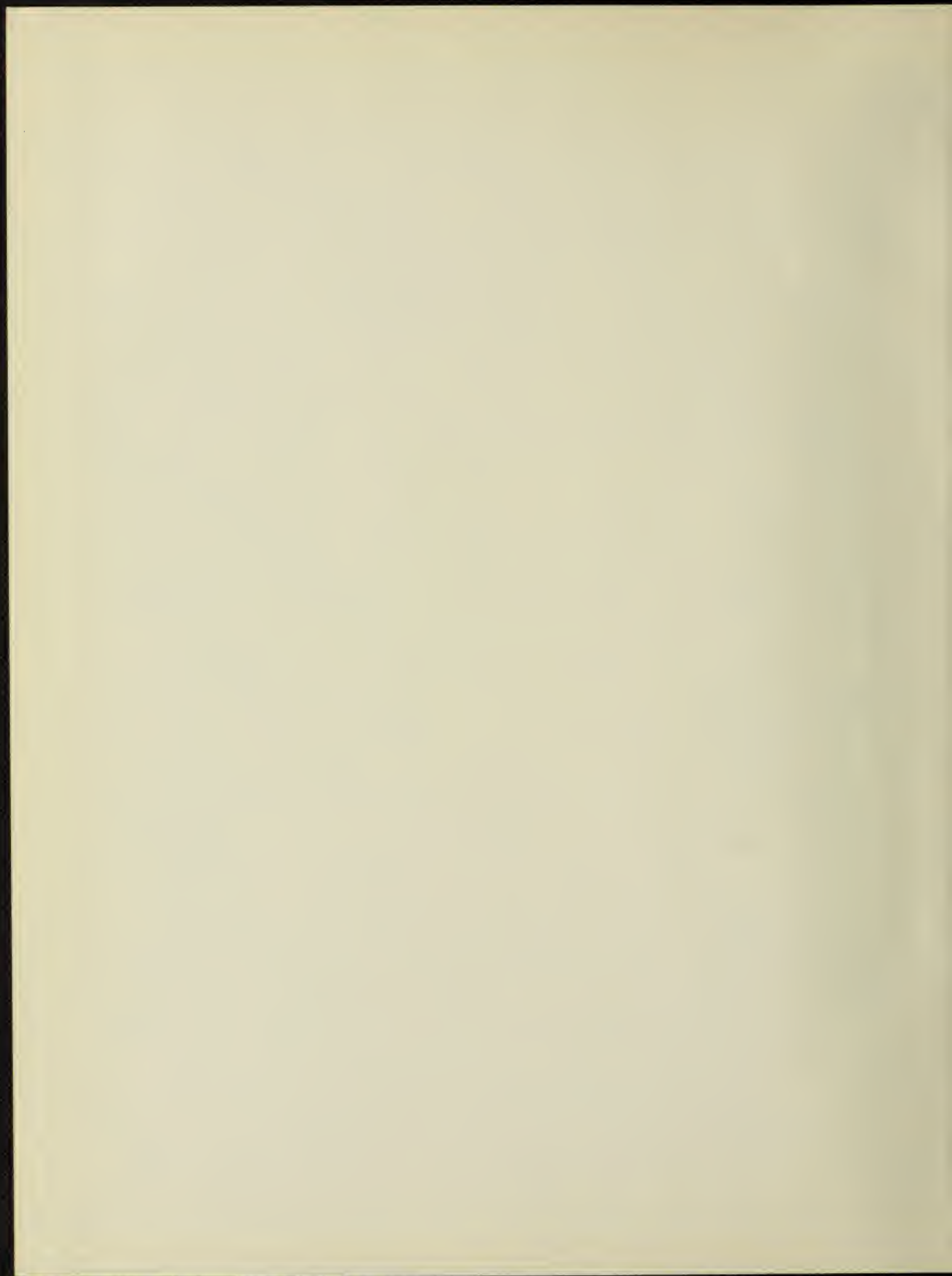




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FREDERICK H. MUELLER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

n¹

CLIMATOLOGICAL DATA

KENTUCKY

JANUARY 1960

Volume 55 No. 1



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U.S. DEPARTMENT OF COMMERCE

ASHEVILLE: 1960

KENTUCKY - JANUARY 1960

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 73° on the 14+ at 3 stations

Lowest Temperature: 4° on the 23rd at Covington^o WB Airport and Hindman
Settlement School

Greatest Total Precipitation: 5.04 inches at Flemingsburg

Least Total Precipitation: 1.58 inches at London FAA Airport

Greatest One-Day Precipitation: 2.51 inches on the 15th at Georgetown
Water Works

Greatest Reported Total Snowfall: 11.2 inches at Benham

Greatest Reported Depth of Snow on Ground: 6 inches on the 6th at 5
stations

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CLIMATOLOGICAL DATA

KENTUCKY
JANUARY 1960

Station	Temperature												Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days			
										Max	Min	90° or Above	32° or Below					Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More	
WESTERN																								
BEAVER DAM	46.3M	31.7M	39.0M		71	13	12	23	791	0	4	18	0	2.39		1.72	14				3	1	1	
BENTON 2	46.6	30.3M	38.5M		73	13	9	23	811	0	2	19	0	2.78		1.19	14	2.7	3	5	7	1	1	
FORDS FERRY DAM 50	45.7	31.3	38.5		72	12	14	22	816	0	5	20	0	2.70	- 1.99	1.80	15	T	T	23	5	1	1	
GOLDEN POND 8 N	47.5	30.5	39.0		72	13	6	23	798	0	2	18	0	2.88		1.11	14				8	1	1	
GREENVILLE 2 W	45.5	30.3	37.9	.4	71	13	8	23	833	0	3	20	0	2.86	- 2.24	1.46	14				7	1	1	
HENDERSON 7 SSW	44.9	30.4	37.7	.2	70	13	15	22	839	0	7	20	0	2.97	- 1.94	1.64	14	T	T	22	5	1	1	
HICKMAN 1 E	46.6	30.0	38.3		70	15+	9	22	819	0	3	19	0	3.34		.69	14				7	2	0	
HOPKINSVILLE	44.8	29.1	37.0	- 1.1	73	14	9	23	862	0	4	22	0	2.42	- 3.04	.94	15	5.0			7	1	0	
LOVELACEVILLE	45.7	30.4	38.1	.0	70	13+	9	23	827	0	4	18	0	3.06	- 1.98	1.50	14	2.0			6	2	1	
MADISONVILLE 1 SE	46.0	30.2	38.1		71	13	10	23	826	0	4	20	0	2.43		1.31	15	.5	1	6	4	1	1	
MAYFIELD	45.7	31.5	38.6		72	13	10	23	810	0	2	19	0	2.83		1.38	15				6	1	1	
MURRAY	46.0	31.8	38.9	.0	71	13	10	23	801	0	4	18	0	3.28	- 1.99	1.25	14	5.2	5	6	7	1	1	
OWENSBORO 2 W	45.4	31.2	38.3	1.7	70	13	14	22	822	0	6	19	0	3.63	- 1.19	2.25	15	.3			6	2	1	
PADUCAH FAA AIRPORT	44.0	30.5	37.3		68	12	11	23	852	0	4	19	0	2.74		1.19	14	1.7	2	6	9	1	1	
PADUCAH	46.7	31.6	39.2		71	13+	10	23	792	0	1	17	0	3.07	- 1.93	1.38	14	1.2	1	6	8	1	1	
PRINCETON	46.7	30.4	38.6	.4	72	13	10	23	814	0	2	19	0	2.93	- 2.27	1.40	14				6	1	1	
RUSSELLVILLE	46.5	31.8	39.2	1.8	71	13	10	23	793	0	3	18	0	2.57	- 2.87	.82	15	4.5	4	6	7	1	0	
DIVISION			38.4	.7										2.88	- 2.22			2.1						
CENTRAL																								
ADDISON DAM 45	43.3	28.2	35.8		68	14+	12	22	905	0	5	24	0	3.11	- 1.70	1.95	15		T	24+	6	2	1	
ANCHORAGE	44.1	28.5	36.3	1.5	68	13+	11	23+	885	0	7	21	0	2.25	- 2.25	1.18	14	T	T	19+	7	1	1	
BARDSTOWN S J PREP SCH	45.6	30.4	38.0		71	13	11	22	830	0	5	18	0	2.74		.27	29				5	0	0	
BONNIEVILLE																								
BOWLING GREEN FAA AP	45.4	30.3	37.9	- .8	72	13	15	23+	831	0	5	20	0	2.26	- 3.56	.70	14	4.0	4	6	7	1	0	
CAMPBELLVILLE	45.4	31.1	38.3		69	13+	11	23+	821	0	4	19	0	2.79		1.36	14	2.5	1	6	6	1	1	
CLERMONT 1 SSE	47.1	30.1	38.6		72	13	12	24	813	0	4	18	0	2.96		1.82	15				5	1	1	
ELIZABETHTOWN	46.0	31.2	38.6		70	13	12	22	809	0	4	18	0	2.85		1.23	14				7	1	1	
GLASGOW WKAY	45.2	30.9	38.1		70	13	12	23	830	0	6	19	0	3.65		1.65	14	5.5	2	6+	7	1	1	
GREENSBURG	44.6	29.0	36.8	- .8	72	14	9	24+	864	0	5	22	0	2.48	- 2.99	1.22	15	4.0	3	6	7	1	1	
IRVINGTON	45.3	30.6	38.0	1.3	71	13	13	24+	829	0	5	19	0	2.75	- 1.84	1.65	14	T	0		6	1	1	
LEITCHFIELD	44.8	31.1	38.0	.6	70	13	10	22	829	0	4	20	0	2.15	- 3.46	1.50	15	1.6	1	22	4	1	1	
LOUISVILLE	45.1	30.1	37.6		69	13+	12	22	841	0	5	21	0	2.60		1.25	14				7	1	1	
LOUISVILLE WB AP	45.0	30.9	38.0	3.1	70	13	14	22	830	0	5	20	0	2.55	- 1.55	1.68	14	.3	T	23+	5	1	1	
MAMMOTH CAVE PARK	45.2	30.4	37.8		70	13	8	23	835	0	4	19	0	2.75		1.30	14	3.7	1	6	6	1	1	
SCOTTSVILLE	46.3	32.0	39.2		71	13	15	24+	792	0	4	17	0	2.38		.59	14	5.0	3	6	7	1	0	
SUMMER SHADE	45.4	29.7	37.6		71	13	8	23	843	0	5	21	0	2.74		.41	5	7.0	5	5	9	0	0	
WOLF CREEK DAM	46.4	27.8	37.1		72	14	6	23	857	0	4	21	0	2.89		.67	15				8	2	0	
DIVISION			37.7	.7										2.70	- 2.58			3.1						
BLUE GRASS																								
BEREA COLLEGE	47.8	29.5	38.7	.5	70	13+	7	22	812	0	3	22	0	3.22	- 1.86	.90	14				8	2	0	
CARROLLTON LOCK 1	44.7	29.3	37.0		68	13+	11	23+	859	0	5	20	0	2.47	- 1.56	1.07	15	T	T	19	7	2	1	
COVINGTON WB AIRPORT	41.4	27.6	34.5	2.7	66	12	4	23	937	0	8	22	0	2.48	- .92	.93	14	2.5	2	22	5	1	0	
CYNTHIANA 2	43.3	26.6	35.0		70	13	9	24+	925	0	6	22	0	2.89		1.03	15	2.0	1	19	9	1	1	
DANVILLE	42.7	27.7	35.2		69	13	8	24+	915	0	7	23	0	2.36	- 2.92	1.40	15	2.0	1	21+	6	1	1	
DIX DAM	45.7	30.5	38.1		70	13+	9	22	827	0	5	20	0	2.25		1.34	15				6	1	1	
FALMOUTH	44.7	28.0	36.4		68	12	10	24+	877	0	5	19	0	2.93	- 1.09	1.02	15	T	T	22+	6	2	1	
FLEMINGSBURG 2	42.7	27.8	35.3		66	12	5	22	915	0	6	21	0	4.19		1.66	15	T	0		6	2	1	
FRANKFORT LOCK 4	43.6	28.2	35.9	- .7	69	13	9	24+	894	0	6	22	0	2.98	- 1.52	1.85	15	.3	T	20+	7	1	1	
LEXINGTON WB AIRPORT	42.4	29.4	35.9	2.0	67	12	9	23	893	0	8	22	0	2.50	- 2.00	1.34	14	.3	T	24+	5	1	1	
MAYSVILLE DAM 33	42.8	26.4	34.6	- 1.1	68	13	9	23	936	0	6	23	0	3.42	- .92	1.06	13	.2	T	20+	6	2	2	
MOUNT STERLING	44.8	29.5	37.2		68	13+	10	22	855	0	4	20	0	2.76	- 2.08	.58	27				8	2	0	
RICHMOND	43.0	28.3	35.7		68	14+	7	22	901	0	7	23	0	2.61		1.19	15	2.0	1	22+	7	1	1	
SHELBYVILLE	41.9	26.9	34.4	- 1.5	67	14+	9	23	940	0	9	24	0	2.53	- 2.54	1.64	15				5	1	1	
WARSAW MARKLAND DAM	43.3	28.5	35.9		58	13	10	23	894	0	5	20	0	2.82		1.16	15	T	T	22+	5	2	1	
WILLIAMSTOWN 5 WSW	41.5	25.3	33.4	- 2.0	68	13	8	23+	968	0	9	24	0	3.04	- 1.39	1.11	15	T	T	25+	6	3	1	
DIVISION			35.8	- .6										2.84	- 1.99			.8						
EASTERN																								
ASHLAND DAM 29	46.2	31.6	38.9	1.2	68	12	14	22	802	0	4	17	0	2.44	- 1.49	.98	15	1.0	1	22+	6	1	0	
BARBOURVILLE	50.1M	30.1M	40.1M		71	13	10	25	764	0	3	20	0	2.59		.80	3				7	1	0	
BAXTER	45.7	28.8	37.3		67	14	14	26+	850	0	4	18	0	2.86		.75	3	4.6			7	3	0	
BENHAM	46.3	27.5	36.9		68	14	10	24	865	0	5	21	0	3.58		1.00	19	11.2	6	6	7	2	1	
BLAINE	47.1	27.3	37.2		69	13	9	25+	856	0	4	23	0	2.49		.60	3				8	2	0	
DEWEY DAM	46.0	28.0	37.0		70	14	10	25+	862	0	6	22	0	3.01		1.13	3	3.0	2	6	8	3	1	
FARMERS	46.7	28.2	37.5	.7	69	13+	9	25+	845	0	5	21	0	2.66	- 2.02	.58	15	T	T	26+	7	1	1	
GRAYSON 1 SE	44.0M	27.8M	35.9M		66	14+	10	24	894	0	5	22	0	2.52		1.03	15				7	1	0	
HEIDELBERG LOCK 14	48.0	28.6	38.3		71	13	8	25	816	0	4	21	0	2.68	- 2.08	.90	15	4.2	3	7+	7	2	0	
HINDMAN SETTLEMENT SCH	43.8M	24.5M	34.2M		66	13	4	23	949	0	5	22	0	3.03		.63	3				9	2	0	
INEZ	49.3	28.3	38.8		69	13	10	25+	804	0	4	22	0			.32	2	6.0	1	22+	4	7+	0	
LONDON FAA AIRPORT	43.8	27.9	35.9		66	13	10	22	895	0	6	21	0	1.58		1.36	3	9.0	4	6	9			

CLIMATOLOGICAL DATA

CONTINUED

KENTUCKY
JANUARY 1960

Station	Temperature												Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No of Days			
										Max		Min						Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More	
										30° or Above	32° or Below	32° or Below	30° or Below											
MOUNT VERNON	44.5	28.9	36.7		69	13	10	23+	867	0	5	20	0	2.87		.78	14							
PIKEVILLE	49.1	32.4	40.8		71	13	12	24	746	0	5	18	0	3.05	- .68	.87	9	3.5	3	6	7	3	0	
SOMERSET 1 N	45.0	28.6	36.8		70	13	8	23	865	0	5	21	0	3.18		.86	10	4.2						
VANCEBURG DAM 32	44.1	28.4	36.3		68	12	10	22	885	0	5	22	0	3.90	- .35	.82	10	5	6	9	1	0		
WEST LIBERTY	AM	44.4	26.2	35.3		57	13	10	25+	917	0	4	22	0	2.72		1.04	15	1	22+	6	2	1	
WILLIAMSBURG 2	AM	47.7	29.4	38.6	- 1.9	72	14	13	25+	812	0	4	20	0	3.39	- 1.31	.95	3			8	2	0	
DIVISION			37.6	- 1.2										2.90	- 1.69			4.6						

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m p h				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00 a CST	6:00 a CST	12:00 p CST	6:00 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
COVINGTON WB AIRPORT	SW	16	11.5	29++	SW	18	78	80	69	74	6	7	4	1	0	0	18	-	8.5
LEXINGTON WB AIRPORT	SSW	15	11.8	-	-	-	86	87	74	82	8	4	4	0	1	0	17	-	8.2
LOUISVILLE WB AIRPORT	WSW	14	9.8	29	W	19+	77	80	68	72	9	2	4	0	1	0	16	27	7.9

See Reference Notes Following Station Index

KENTUCKY
JANUARY 1960

See Reference Notes Following Station Index

DAILY PRECIPITATION

KENTUCKY
JANUARY 1960

CONTINUED

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ONEONTA DAM 35	2.80	.04	T	.48	T							T	T	.55	1.00		.06		.12	.17	T	T	T	T						.36		
OWENSBORO 2 W	3.63			.50			T							.08	2.25				.20	.10			T	T	T				.28			
OWENSBORO DAM 46	3.45			.53			T							.03	2.34				.14	.15	T	T	T	T	T				.09	.17	T	
PADUCAH FAA AIRPORT	2.74		.35			.13	T					T	.04		1.19	T		.23	.10	T	T	T	T	T			.17	.20	.14	.19		
PAUCAH	3.07		.35			T	.15					T			1.38	.25		.15	.10		T	T	T	T					.37			
PAINTSVILLE	2.51	T	T	.85			.02	.20	T					.15	.56	.02		.15	.12	T	T	T	T	.02	T			.05	.35	T		
PIKEVILLE	3.05		.87			.02	.34	.27				T		.23	.35	.18	.05	.06	.10	.03	.03	.08	.02	T				.36	.04	T		
PINEVILLE	2.99		.89	T			.46	.53						.42	.10	T		.11	.11	.03	.01	.01	T				.04	.24	T		.02	
PRINCETON	2.93		.54			.05								1.40	.30			.18	.08			.01						.37		.07		
RAVENNA LOCK 12	2.25		.38				.11	.06						1.04				.08	.25									.07	.26			
RICHMOND	2.61		.02	.43	T		.04	.04						.12	1.19	.04		.19	.18	T	T	T	.02	T				.10	.24			
ROCHESTER LOCK 3	2.58		.26				.10							.10	.01	1.56		.19	.04			.02	.01					.27	.02			
RUSSELLVILLE	2.97		.18			.30	.04							.43	.08	.82		.28	T			.01						.29	.14			
RUSSELLVILLE SUBSTA	2.74	T	.21											.42	.41	.64		.02	.26	.04	T	T	T	T			.38	.14	.01	T		
SALVISA LOCK 6	2.36	T	T	.37										.13	1.18			.13	.09	T	T	T	T	T				.29	.17	T		
SALVERSVILLE 2 SE	2.64		.85			.15	.15							.12	.69			.17	.02				.01					.21	.47			
SCOTTSDALE	2.38		.34			.34	T							.23	.59	.13		.17	.09			T						.49				
SCOTTSDALE 2 SW	1.99		.05	.25		.40	T				T	.03		.22	.30	.16		.05	T		T	T	.02					.38	.13	T		
SEBREE	3.70					.20								.70	1.84			.38										.58				
SHAWNEE STEAM PLANT	2.74		.35			.14					T			.08	T	1.12		T	.28	T		T						.36	T	.34	.12	
SHELBYVILLE	2.53		.39											.12	1.64	.01		.14	.03									.14	.06			
SHEPHERDSVILLE	2.83		.40											.12	1.92			.14	.12	T								.10	.03			
SOMERSET 1 N	3.16	.01	.56		.02	.15	.14	.20		.01				.35	.49	.39		.29	.02	T	T	T	.01					.41	.04			
SPRINGFIELD	2.92		.35			.03								.10	1.95			.10	.17	T	T	T						.22				
STEARNS	2.76		.54			.44	.20							.65	.55			.15	T	T	T	.06						.11	.04	T		
SUMMER SHADE	02.74	.04	.36		.41	D.20	T							.35	.35	.34		.12	.22	T		T						.32		.03		
SUMMER SHADE SUBSTA	2.43		.36			.30	.11				T			.40	.11	.40	.02	.23	.02	.07		.04	.02						.34	.01		
TAYLORSVILLE	3.36		.21	.25										.16	2.32			.25	T		T							.13	.06			
TURKEY CREEK SCHOOL	2.94		.39			.28	.02							.04	.62	.89		.14	.11	.04	T		.05					.30	.06			
TYRONE LOCK 5	3.18	T	.37											.16	1.92			.17	.10		.02							.22	.20			
UNIONTOWN DAM 49	2.25		.31									T		.05	T	1.52		.14	.03	T	T	T						.20	T			
VALLEY VIEW LOCK 9	2.35	T	.40			T								.14	1.24			.15	.02	T	T	T						.20	.20			
VANRUEEN	2.72		.05	.47										.19	1.42			.16	.15									.19	.09			
VANCEBURG DAM 32	3.90	T	.02	.50										1.22	T	1.18	.05		.08	.31	.03	T	T					T	.51			
WARSAW MARKLAND DAM	2.82	T	.57									.02		.47	1.16			.21	.11	T	T	T						T	.28	T		
WAYNESBURG 7 NE	3.06		.35	T		.26	.10							.17	T	1.32	T	.33	.03	T	.02							.19	.29	T		
WEST LIBERTY	2.72	T	.56			.07	.05					T		.07	1.04	.05		.10	.15	T	T	T	T					.18	.45			
WILLIAMSBURG 2	3.39		.95			.47	.47							.28	.58	.02		.14	.09	.01	.02							.14	.15		.07	
WILLIAMSTOWN 5 WSW	3.04	T	.54	T								T		.62	1.11	T		.28	T	T	T	T	T	T	T	T		.33	.16	T		
WILLOW LOCK 13	2.68		.52			.18	.17							.14	.87			.25	.03	.01								.09	.42			
WOLF CREEK DAM	2.89		.54			.30	.31							.42	.67			.25	.05			T	T					.14	.21			
WOODBURY LOCK 4	3.01		.28			.14								.15	T	1.88		.18	.03			.03	.02					.21	.09			

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The station index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.B.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
- Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- O Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., EST of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

DAILY TEMPERATURES

KENTUCKY
JANUARY 1960

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADOISON OAM 45	MAX	40	46	50	33	32	39	40	40	50	58	46	50	68	68	60	48	36	40	38	28	25	24	28	34	40	52	58	44	40	40	46	43.3
	MIN	26	26	27	22	22	25	28	29	24	25	48	46	50	48	44	26	26	28	22	18	16	12	16	18	20	20	28	38	36	30	30	28.2
ANCHORAGE	MAX	38	47	45	37	32	37	48	45	57	56	54	68	68	58	59	39	37	46	32	27	27	22	25	32	44	53	47	45	47	41	53	44.1
	MIN	24	35	30	21	22	23	27	30	22	42	46	44	49	46	38	27	27	32	22	19	16	11	11	12	16	22	37	40	37	30	25	28.5
ASHLAND DAM 29	MAX	37	47	50	36	38	39	47	54	58	59	54	68	67	63	58	49	38	53	36	30	25	25	30	33	40	55	47	53	50	45	49	46.2
	MIN	24	37	27	30	24	31	34	37	34	34	44	40	54	46	49	32	28	35	29	22	18	14	20	15	16	26	32	43	42	33	29	31.6
BARBOURVILLE	MAX	44	57	55	42	40	38	49	59	62	61	64	71	69	65	50	46	53	46	37	28	25	24	38	44	58	55	58	54	50	60	50.1	
	MIN	19	28	30	25	28	32	32	19	29	45	47	59	41	48	32	27	40	30	20	17	13	11	13	10	17	32	42	40	42	34	30.1	
BAROSTOWN S J PREP SCH	MAX	40	48	49	33	33	39	46	44	58	58	58	70	71	70	65	42	39	47	37	31	31	31	27	28	33	44	45	54	50	42	51	45.6
	MIN	25	33	30	23	24	27	33	32	28	44	47	45	59	46	40	29	30	35	24	19	17	11	12	12	13	23	33	44	37	37	29	30.4
BAXTER	MAX	33	45	56	40	37	36	36	40	47	57	55	59	62	67	65	57	45	49	54	32	26	26	22	33	37	42	54	45	54	52	55	45.7
	MIN	21	22	38	29	26	29	30	33	22	22	40	39	41	42	44	33	28	33	29	20	19	18	14	14	14	14	19	38	40	43	39	28.8
BEAVER DAM	MAX	45	48	46	34	33	37	42	45	60	58	64	68	71	66	65	41	40	47	33	32	29	25	25	47	50	47	50	47	42	52	46.3	
	MIN	24	40	31	21	25	27	32	32	25	48	47	46	60	49	39	29	32	32	24	21	15	15	12	15	47	41	37	39	35	26	31.7	
BENHAM	MAX	37	51	57	40	37	37	35	39	39	55	61	62	64	68	65	56	49	52	47	30	24	28	19	31	36	43	56	50	54	59	54	46.3
	MIN	19	21	29	26	25	24	29	25	19	20	40	42	50	42	44	36	28	31	26	17	15	14	12	10	12	13	22	40	39	40	41	27.5
BENTON 2	MAX	45	46	45	37	34	36	35	44	60	60	64	70	73	67	66	41	40	39	33	32	33	33	30	37	48	56	53	50	44	40	53	46.6
	MIN	24	40	28	22	26	27	30	32	31	47	42	44	59	52	40	30	34	32	16	11	13	9	13	14	20	39	36	30	35	32	30.3	
BEREA COLLEGE	MAX	44	52	53	31	31	37	40	45	52	53	60	70	70	65	55	47	51	50	48	42	38	27	35	35	44	56	51	51	50	51	47	47.8
	MIN	22	30	30	27	25	26	30	31	22	35	40	43	58	45	42	28	30	28	25	18	15	7	11	19	20	31	40	43	40	32	21	29.5
BLAINE	MAX	39	59	48	38	37	37	44	46	61	58	54	68	69	63	60	48	38	54	45	28	27	22	30	37	42	56	46	54	51	49	53	47.1
	MIN	13	21	29	26	19	27	29	32	18	25	46	41	59	41	46	31	22	35	28	21	18	12	18	9	9	18	26	40	35	28	23	27.3
BONNIEVILLE	MAX MIN																																
BOWLING GREEN FAA AP	MAX	43	47	43	35	34	35	36	41	56	55	65	66	72	67	58	41	47	48	31	33	32	23	29	32	45	56	49	48	45	41	54	45.4
	MIN	26	41	26	24	27	26	28	25	21	46	43	41	50	48	37	32	34	31	24	20	15	17	15	18	16	21	42	42	40	32	32	30.3
CAMPBELLSVILLE	MAX	41	49	49	34	33	37	39	42	58	55	62	69	69	66	64	43	42	47	36	29	28	21	27	33	42	55	50	48	46	43	50	45.4
	MIN	26	35	30	25	25	28	31	31	25	45	48	45	58	47	41	30	31	34	25	20	16	11	11	16	17	25	40	42	40	36	30	31.1
CARROLLTON LOCK 1	MAX	37	48	47	33	34	40	47	48	55	56	56	68	68	59	63	41	38	45	40	26	27	25	27	31	43	51	51	46	44	43	50	44.7
	MIN	22	31	32	22	23	26	26	34	22	46	43	41	58	45	40	27	27	33	25	18	15	11	11	12	18	25	38	40	37	32	28	29.3
CLERMONT 1 SSE	MAX	40	48	48	35	33	40	49	48	58	61	56	69	72	69	64	49	44	46	36	31	29	25	31	35	45	56	53	47	47	43	52	47.1
	MIN	26	36	31	21	23	26	26	33	20	48	48	43	60	44	43	29	28	35	26	20	17	13	14	12	13	23	38	41	37	34	25	30.1
COVINGTON W8 AIRPORT	MAX	36	46	42	30	30	37	45	45	54	51	49	66	62	60	60	38	35	43	31	22	19	21	21	29	40	50	44	45	40	41	50	41.4
	MIN	25	33	27	22	23	25	25	30	28	46	40	41	45	44	41	25	28	30	19	16	13	8	4	11	18	28	39	37	35	31	29	27.6
CYNTHIANA 2	MAX	34	39	49	34	33	39	39	47	45	57	55	51	70	63	66	53	42	45	47	30	26	25	29	18	16	10	9	9	13	16	21	26.6
	MIN	20	24	31	23	23	25	25	33	19	21	46	39	51	41	40	30	26	30	29	18	16	10	9	9	13	16	21	39	40	35	24	26.6
DANVILLE	MAX	34	43	50	32	33	37	36	43	43	56	53	57	69	68	63	52	38	47	44	28	26	24	19	27	31	41	54	46	47	46	40	42.7
	MIN	22	23	30	25	25	27	27	31	24	25	48	42	50	44	44	29	28	31	26	16	15	10	8	8	16	18	30	35	40	35	27	27.7
DEWEY DAM	MAX	31	39	62	36	40	38	37	41	48	61	61	59	69	70	62	59	44	40	50	31	25	25	25	28	38	44	60	46	54	50	52	46.0
	MIN	19	19	34	31	24	27	30	32	20	21	35	41	42	42	44	32	25	29	30	28	22	18	17	10	10	18	22	34	42	42	29	28.0
DIX DAM	MAX	35	50	48	33	33	38	45	42	58	58	56	70	70	69	65	45	37	47	36	28	28	24	27	32	41	55	54	48	48	48	48	45.7
	MIN	24	31	30	25	25	28	32	32	25	38	47	45	59	45	47	29	29	34	26	18	15	9	10	14	18	28	38	42	40	35	28	30.5
ELIZABETHTOWN	MAX	46	47	46	38	33	37	45	44	60	56	60	67	70	62	59	47	39	48	38	35	29	23	27	32	44	54	51	48	48			

DAILY TEMPERATURES

KENTUCKY
JANUARY 1960

Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
IRVINGTON	MAX	40	47	46	33	32	38	48	48	58	57	60	68	71	60	62	41	37	45	33	31	26	23	28	33	44	63	48	46	45	41	52	45.3
	MIN	27	36	30	22	24	25	28	31	23	46	47	48	59	49	39	28	30	33	23	20	17	13	15	13	18	26	42	39	36	34	28	30.6
LEITCHFIELD	MAX	41	47	46	38	33	38	45	45	58	55	61	68	70	62	62	40	39	46	33	30	26	21	26	33	45	49	48	48	45	40	51	44.8
	MIN	27	38	30	23	26	27	32	32	27	44	48	48	58	49	38	30	32	31	20	19	15	10	14	17	18	27	42	40	38	35	29	31.1
LEXINGTON W8 AIRPORT	MAX	36	47	43	31	32	36	45	42	55	53	54	67	65	60	59	38	37	45	29	26	23	20	25	30	40	53	44	46	47	38	48	42.4
	MIN	24	34	28	25	24	28	32	29	28	47	43	46	48	47	32	29	30	29	21	18	14	11	9	14	17	27	41	41	38	30	28	29.4
LONDON FAA AIRPORT	MAX	38	50	44	32	34	35	36	44	57	50	58	62	66	62	62	41	43	46	29	24	22	20	29	35	41	52	46	40	46	50	55	43.8
	MIN	23	32	28	26	26	27	31	26	22	36	36	37	43	40	36	29	28	28	22	18	15	10	12	16	12	21	39	42	41	34	30	27.9
LOUISVILLE	MAX	40	47	47	34	34	39	50	48	59	57	56	69	69	56	63	46	36	43	31	30	24	24	27	34	46	54	50	48	47	43	48	45.1
	MIN	25	34	24	24	26	25	31	31	26	44	47	45	55	45	41	29	29	29	23	20	15	12	13	16	19	27	42	41	35	32	27	30.1
LOUISVILLE W8 AP	MAX	41	48	43	33	33	39	49	48	59	57	56	69	70	63	60	41	38	46	31	30	26	22	27	34	46	55	50	46	46	40	49	45.0
	MIN	27	37	29	24	26	27	33	31	26	44	46	45	52	50	34	28	32	31	23	21	18	14	15	18	19	28	43	40	37	31	30	30.9
LOVELACEVILLE	MAX	45	45	44	34	34	37	34	45	60	59	63	70	70	66	64	39	39	44	30	31	35	31	30	35	49	53	51	47	41	40	52	45.7
	MIN	28	38	25	21	25	26	30	32	31	47	40	52	59	51	39	27	33	30	23	17	12	12	9	15	17	26	41	35	33	34	33	30.4
MADISONVILLE 1 SE	MAX	43	48	45	35	33	37	37	50	58	55	64	70	71	66	66	42	39	47	33	32	30	28	27	35	47	55	52	49	44	43	45	46.0
	MIN	23	40	30	21	25	26	30	31	22	48	48	45	59	49	39	28	32	32	23	20	15	13	10	15	16	23	42	36	36	34	25	30.2
MAMMOTH CAVE PARK	MAX	42	47	47	33	33	35	37	39	58	57	59	67	70	64	65	43	39	47	36	30	29	26	28	33	41	52	54	49	44	44	52	45.2
	MIN	22	38	29	22	23	26	31	31	23	44	50	46	57	50	39	30	30	34	24	18	13	13	8	12	14	28	42	41	41	35	29	30.4
MANCHESTER 4 SE	MAX	42	56	55	37	37	37	39	46	63	57	60	67	70	65	65	48	40	54	43	29	26	24	32	37	44	58	52	53	52	53	60	48.4
	MIN	21	27	32	28	26	29	32	33	20	29	46	37	59	42	48	32	27	38	28	22	14	13	15	12	10	17	30	42	40	40	30	29.7
MAYFIELD	MAX	46	44	45	34	33	35	34	39	53	60	65	70	72	66	64	41	42	41	33	33	35	32	28	37	48	55	50	48	42	41	51	45.7
	MIN	32	40	28	24	28	26	29	30	30	46	42	54	58	51	40	30	33	32	23	17	16	13	10	17	21	30	42	36	34	33	32	31.5
MAYSVILLE DAM 33	MAX	33	37	50	36	35	33	41	48	46	56	55	50	68	64	60	54	40	40	50	32	25	23	22	23	31	41	55	44	47	46	41	42.8
	MIN	19	20	33	26	23	25	26	32	21	22	45	41	42	46	46	30	25	26	30	20	17	12	9	10	11	14	22	29	39	34	24	26.4
MIDDLESBORO	MAX	41	51	50	39	38	38	42	48	57	54	59	69	73	66	64	50	44	55	42	29	33	27	34	37	43	55	51	54	53	58	62	48.9
	MIN	19	30	32	28	27	30	32	30	20	33	46	36	56	41	49	34	29	41	28	22	19	17	15	14	11	17	34	42	43	44	40	30.9
MONTICELLO	MAX	42	52	52	36	34	35	35	44	61	54	60	70	70	68	67	42	48	50	34	28	29	25	29	34	43	57	53	52	50	49	55	47.0
	MIN	22	40	30	26	26	28	32	31	23	37	48	39	55	45	42	30	30	34	26	21	18	14	12	14	15	23	42	46	43	40	29	31.0
MOUNT STERLING	MAX	36	50	52	33	33	38	46	44	57	54	57	68	68	62	60	44	38	48	38	26	25	22	28	33	40	54	50	49	48	44	45	44.8
	MIN	21	29	30	26	23	28	31	31	24	41	45	41	57	44	42	28	27	33	25	17	13	10	12	12	15	28	36	42	40	35	27	29.5
MOUNT VERNON	MAX	39	52	52	34	34	36	38	40	56	53	59	67	69	58	62	41	38	48	33	26	24	23	27	32	41	54	48	50	48	49	49	44.5
	MIN	22	30	29	24	25	27	32	30	20	42	45	38	50	43	38	40	38	38	25	15	14	10	10	13	12	25	40	40	41	36	25	28.9
MURRAY	MAX	46	47	46	35	34	35	34	40	48	59	67	69	71	68	62	42	41	40	30	28	35	30	30	35	46	59	52	49	45	49	53	46.0
	MIN	29	41	25	25	29	26	30	30	33	48	50	53	59	51	39	31	36	30	24	12	15	12	10	17	20	29	41	36	36	38	32	31.8
OWENSBORO 2 W	MAX	43	46	45	32	32	38	40	50	58	60	65	69	70	65	64	40	38	44	37	31	28	26	27	35	46	52	48	45	45	41	47	45.4
	MIN	27	40	31	23	26	25	30	32	28	44	46	49	57	51	39	34	32	32	24	19	16	14	15	15	19	28	40	35	36	34	27	31.2
PADUCAH FAA AIRPORT	MAX	44	45	37	33	34	35	34	44	58	58	61	68	67	66	55	39	43	41	30	32	33	22	29	35	48	53	49	42	40	38	51	44.0
	MIN	29	35	24	23	27	26	30	32	22	47	44	55	52	52	34	27	34	30	20	18	14	13	11	18	22	31	36	34	33	34	29	30.5
PADUCAH	MAX	45	45	45	35	35	36	36	47	60	56	67	71	71	66	66	41	39	44	34	33	34	32	35	37	50	55	51	48	43	40	52	46.7
	MIN	29	39	29	22	27	26	30	32	31	49	49	52	59	51	39	29	33	33	23	18	15	13	10	15	20	26	42	36	34	35	33	31.6
PIKEVILLE	MAX	42	63	60	40	40	36	41	51	59	59	61	66	71	64	61	49	38	58	45	31	26	24	26	38	48	55	48	54	54	53	61	49.1
	MIN	25	29	35	32	29	31	32	34	24	35	45	43	61	46	49	32	28	37	31	25	22	17	19	12	14	21	31	42	42	45	36	32.4
PRINCETON	MAX	43	47	45	36	36	36	35	50	60	56	66	70	72	65	65	45	39	40	33	34	38	30	31	35	50	57	50	47	42	41	54	46.7
	MIN	27	41	28	22	26	27	27	32	32	46	46	44	55	51	40	30	33	32	24	18	12	14	10	15	15	21	39	36	35	3		

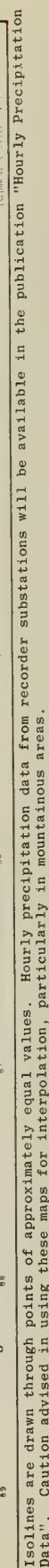
SNOWFALL AND SNOW ON GROUND

KENTUCKY
JANUARY 1960

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BARDSTOWN S J PREP SCH	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BEAVER DAM	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BENHAM	SNOWFALL SN ON GND			T T			5.5 6	1.0 3	1	T											2.0 1	1.0 2	.7 1	.5 1	.5 1	T	T	T					
BEREA COLLEGE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BOWLING GREEN FAA AIRPORT	SNOWFALL SN ON GND					3.0 4	1.0 4	2												T T	T T	T T	T T	T T									
CAMPBELLSVILLE	SNOWFALL SN ON GND					T 1	2.5 1	T												T T	T T	T T	T T	T T									
COVINGTON WB AIRPORT	SNOWFALL SN ON GND SN ON GND	T		T					T										T	.1 T	.3 T	.6 T	.6 T	.9 T	T T	T T	T						
CYNTHIANA	SNOWFALL SN ON GND						T T													T T	T T	T T	T T			T							
DANVILLE	SNOWFALL SN ON GND						.8 1													.2 T	T T	1.0 1	T T	T T	T T								
EDDYVILLE LOCK F	SNOWFALL SN ON GND						3.0 3																										
FARMERS	SNOWFALL SN ON GND	T					T T	T T													T T	T T	T T	T T	T T	T T	T T	T T					
FORDS FERRY DAM 50	SNOWFALL SN ON GND																								T T								
GEST LOCK 3	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HAZARD WATER WORKS	SNOWFALL SN ON GND						3.0 3	2																									
HEIDELBERG LOCK 14	SNOWFALL SN ON GND						3.0 3	1.2 3													T T		T T	T T	T T								
HENDERSON 7 SSW	SNOWFALL SN ON GND			T			T													T	T	T	T	T	T								
HOPKINSVILLE	SNOWFALL SN ON GND						5.0 -	T -	-											T	T	T	T T	T T									
IRVINGTON	SNOWFALL SN ON GND																				T		T	T	T	T							
LEXINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV			T		T T	T												T	.2 T	.1 T	T T	T T	T T	T T	T T							
LONDON FAA AIRPORT	SNOWFALL SN ON GND			T		3.0 4	1.0 4	2.0 4	1											T	T	T	T	T	T	T							
LOUISVILLE WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV			T			T												T	.3 T	T T	T T	T T	T T	T T								
MAMMOTH CAVE PARK	SNOWFALL SN ON GND					.2 1	2.5 1	T													.3 T	.2 T	.5 T	T									
MAYSVILLE DAM 33	SNOWFALL SN ON GND						T														T T	T T	.2 T	T									
MIDDLESBORO	SNOWFALL SN ON GND						6.3 6	T 3	T												T T	T T	T T	T T	T T								
MILLERSTOWN	SNOWFALL SN ON GND						1.0 1																	1.0 1	T	T							
MONTICELLO	SNOWFALL SN ON GND						5.0 4	2	T												T	T	T	1.0 1									
MURRAY	SNOWFALL SN ON GND					2.2 2	3.0 5	T T	T												T		T	T	T								
OWENSBORO 2 W	SNOWFALL SN ON GND						T T															T T		.3 T	T								
PADUCAH FAA AIRPORT	SNOWFALL SN ON GND					1.7 2	T														T	T	T	T	T	T						T T	
PAINTSVILLE	SNOWFALL SN ON GND	T	T				T T	T T														T T	T T	T T	T T	T T							
PIKEVILLE	SNOWFALL SN ON GND					T T	2.0 -	1.0														T	T	1.0 T	.2 T	T							
RUSSELLVILLE	SNOWFALL SN ON GND						4.0 4	.5 1														T T		T T									
SOMERSET 1 N	SNOWFALL SN ON GND					- 1	- 5	- T	T	T											- T	- T	- T	- T	- T								
SUMMER SHADE	SNOWFALL SN ON GND					5.0 5	2.0 2	T T													T T	T T		T T									
WILLIAMSTOWN 5 WSW	SNOWFALL SN ON GND	T			T T																	T T	T T	T T	T T	T T	T T						

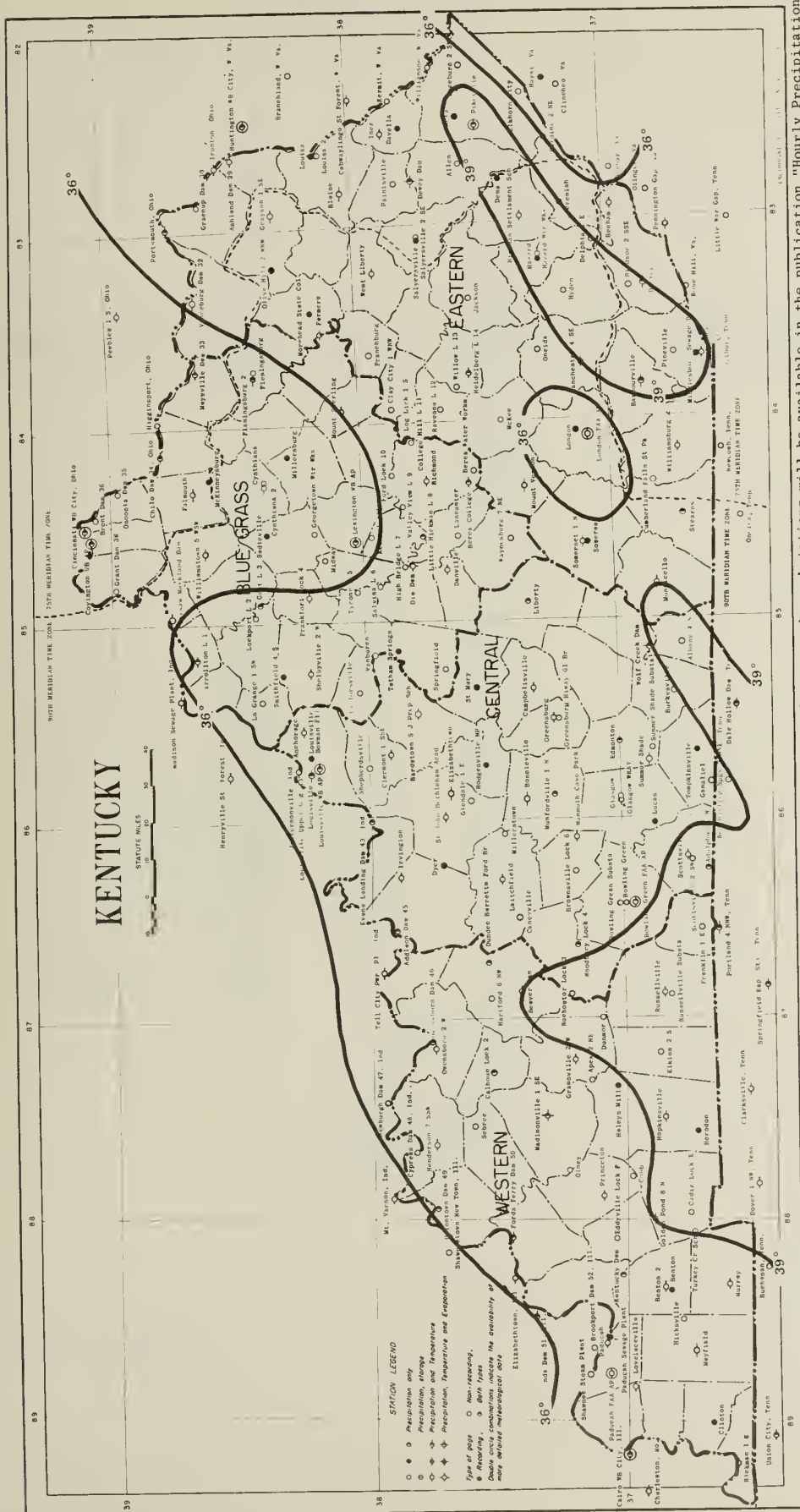
See reference notes following Station Index.

KENTUCKY
JANUARY 1960



AVERAGE TEMPERATURE

KENTUCKY
JANUARY 1960



KENTUCKY
JANUARY 1940

1-BIG SANDY, 2-CUMBERLAND, 3-GREEN, 4-KENTUCKY, 5-LICKING, 6-MISSISSIPPI, 7-OHIO, 8-SALT, 9-TENNESSEE

551.05
UNKE

U. S. DEPARTMENT OF COMMERCE
FREDERICK H. MUELLER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

FEBRUARY 1960
Volume 55 No. 2



RECEIVED THE
APR 27 1960
U.S. DEPT. OF COMMERCE

ASHEVILLE: 1960

KENTUCKY - FEBRUARY 1960

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 69° on the 10th at Hickman 1 E and Mammoth Cave Park

Lowest Temperature: -11° on the 20th at Somerset 1 N

Greatest Total Precipitation: 6.45 inches at La Grange 1 SW

Least Total Precipitation: 1.70 inches at Paducah

Greatest One-Day Precipitation: 1.78 inches on the 11th at Wolf Creek Dam

Greatest Reported Total Snowfall: 30.0 inches at Benham and Burdine 2 NE

Greatest Reported Depth of Snow on Ground: 18 inches on the 19th at Mc Kee

SPECIAL WEATHER SUMMARY

By the end of February, winter had hit unusually hard in the Southeastern Section, and Kentuckians were 'chafing at the bit' and hoping for an early spring. Above normal temperatures with general rains on the 4th and 5th and heavy rains in the Central and East on the 9th and 10th were replaced on the 11th by cold temperatures averaging about 8° below seasonal normals which persisted with only minor changes throughout the rest of the month. General snow in all but the extreme west on the 13th was heaviest in the eastern mountains temporarily stopping highway traffic in that region and was followed on the 15th by below zero temperatures in the Southeastern Section. Daily precipitation, mostly as intermittent snow from the 15th through the 21st, was climaxed by heavy snow which practically stopped all but the most necessary outside activities over the eastern two thirds of the state on the 18th, and this was again followed

on the 20th by below zero temperatures in the southeast where the snow depths remained greatest. Daily precipitation from the 24th through the remainder of the month fell mostly as light snow but some rain fell in the southeast and diminished the snow cover so that by the end of the month average amounts on the ground were 2 to 4 inches in much of the north and east. Farm work was limited to the care of livestock and other necessary chores during the latter part of the month with tobacco beds not burned in most areas and farm work in general falling behind schedule by the end of the month. The adverse weather necessitated heavier than usual feeding of livestock but feed supplies were in general equal to the need.

O. K. Anderson, State Climatologist
U. S. Weather Bureau
Louisville, Kentucky

CLIMATOLOGICAL DATA

KENTUCKY
FEBRUARY 1960

Station		Temperature										Precipitation												
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No of Days		
											Max	Min	90° or Above	32° or Below					Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
WESTERN																								
BEAVER DAM		42.5	27.3	34.9		64	10	14	20	866	0	4	23	0	3.79		1.37	5	.5	0		4	3	2
BENTON 2		44.8	27.3M	36.1M		67	10+	16	20+	847	0	0	22	0	3.07		1.29	10				7	2	1
FORDS FERRY DAM 50		42.0	28.4	35.2		67	9	19	29+	857	0	3	21	0	2.10	- 1.26	.44	6	6.3	4	28	7	0	0
GOLDEN POND 8 N		45.3	27.1	36.2		67	9	14	20+	825	0	0	23	0	2.78		.83	25				6	3	0
GREENVILLE 2 W		42.7	27.7	35.2	- 4.4	65	10	15	20	857	0	1	23	0	3.18	- .51	.92	25				6	3	0
HENDERSON 7 SSW		41.4	28.0	34.7	- 4.1	65	10	18	29+	873	0	4	22	0	2.22	- 1.28	.75	5	4.0	1	28+	6	2	0
HICKMAN 1 E		46.0	27.9	37.0		69	10	20	21+	807	0	0	23	0	3.59		.71	10				9	3	0
HOPKINSVILLE		43.7	26.2	35.0	- 5.2	66	11+	18	20	863	0	2	25	0	2.68	- 1.26	.79	10	4.1			5	2	0
LOVELACEVILLE		44.8	27.8	36.3	- 4.3	68	9	17	27	823	0	2	23	0	2.34	- 1.89	.67	25	8.0			7	2	0
MADISONVILLE 1 SE		44.3	27.5	35.9		65	10	15	20	837	0	2	22	0	2.93		.81	10	3.0	2	28	8	3	0
MAYFIELD		43.6	28.8	36.2		67	9	20	22+	829	0	4	22	0	3.35		1.20	10				7	3	1
MURRAY		43.4	28.6	36.0	- 5.3	67	9	19	20+	835	0	3	23	0	2.78	- 1.29	.67	25	1.2	1	28+	8	2	0
OWENSBORO 2 W		41.5	27.6	34.6	- 3.9	62	10	17	22+	876	0	4	22	0	3.00	- .26	.78	25	4.8			8	3	0
PADUCAH FAA AIRPORT		42.2	27.1	34.7		67	9	17	29+	873	0	3	25	0	2.36		.54	9	7.0	3	28	8	1	0
PADUCAH		44.5M	29.2M	36.9M		67	10+	19	20	810	0	1	22	0	1.70	- 2.20	.55	24	3.3			5	2	0
PRINCETON		44.2	27.7	36.0	- 4.1	65	10	16	20	834	0	1	22	0	2.40	- 1.58	.81	25	11.3			6	2	0
RUSSELLVILLE		43.2	27.4	35.3	- 3.6	64	10	10	15	855	0	2	22	0	4.32	- .19	.66	15	11.1			9	5	0
DIVISION				35.7	- 4.1										2.86	- .98								
CENTRAL																								
ADDISON DAM 45		40.3	25.6	33.0		58	10+	16	29	928	0	3	27	0	3.68	.03	1.08	6	4.9			6	3	1
ANCHORAGE		40.3	25.0	32.7	- 3.8	62	10	7	15	931	0	4	23	0	4.58	1.68	1.65	5	8.0	5	28+	10	3	1
BARDS TOWN S J PREP SCH		43.6M	25.9M	34.8M		63	10	4	15	856	0	1	23	0	3.25		.64	25	8.0			1		0
BONNIEVILLE																								
BOWLING GREEN FAA AP		41.7	25.3	33.5	- 7.0	63	10+	3	15	907	0	3	23	0	4.04	.01	1.52	5	11.0	7	14	7	3	1
CAMPBELLSVILLE		42.1	26.3	34.2		63	10	3	20	888	0	3	22	0	4.38		1.02	10	16.3	6	18	9	4	1
CLERMONT 1 SSE		43.1	26.2	34.7		64	10	7	15	873	0	1	21	0	4.74		1.61	10				8	3	2
ELIZABETHTOWN		42.1	27.4	34.8		64	10	3	15	870	0	3	21	0	5.94		1.61	10	8.5	6	15+	10	4	2
GLASGOW WKAY		42.0	26.1	34.1		65	10	4	20	892	0	4	22	0	3.79		1.42	5	17.1	6	18	7	3	1
GREENSBURG		42.2	23.0	32.6	- 6.6	64	10	2	15	932	0	0	26	0	4.70	.96	1.20	6	14.5	7	14	9	5	1
IRVINGTON		41.7	26.8	34.3	- 4.3	63	10	13	20+	886	0	3	23	0	4.01	.48	1.03	5	6.5	1	28+	8	3	1
LEITCHFIELD		41.7	26.9	34.3	- 4.9	63	10	15	20+	882	0	3	24	0	3.90	- .05	.95	6	12.2	3	14	8	3	0
LOUISVILLE		41.7	27.3	34.5		64	10	15	15	877	0	3	23	0	4.45		1.50	5	4.0	2	13	9	3	1
LOUISVILLE W8 AP		40.9	26.7	33.8	- 3.4	63	10	13	15	897	0	4	23	0	4.31	1.20	1.63	5	10.7	3	14	8	2	1
MAMMOTH CAVE PARK		42.9	25.8	34.4		69	10	6	15	882	0	1	23	0	3.31		1.12	5	15.4	8	13	8	2	1
SCOTTSVILLE		43.5	26.9	35.2		64	10	5	20	855	0	2	22	0	4.54		1.54	5	15.0	6	13	9	4	1
SUMMER SHADE		42.2	24.3	33.3		62	10	0	20	915	0	3	24	1	4.67		1.34	10	17.5	8	18	7	3	2
WOLF CREEK DAM		43.7	22.3	33.0		65	10	0	20+	922	0	2	25	3	5.50		1.78	11	15.3			10	3	1
DIVISION				34.0	- 4.8										4.34	.64								
BLUE GRASS																								
BEREA COLLEGE		42.9M	25.0M	34.0M	- 5.3	64	10+	4	20	894	0	4	24	0	3.95	.31	1.45	10				8	3	1
CARROLLTON LOCK 1		41.7	25.7	33.7		60	11+	8	15	902	0	0	24	0	4.07	1.24	1.40	6	6.5			9	2	2
COVINGTON W8 AIRPORT		37.6	23.5	30.6	- 3.3	60	10	12	29+	944	0	5	25	0	3.49	.86	1.01	10	12.1	3	25+	10	2	1
CYNTHIANA 2		39.2	19.9	29.6		62	10	- 5	15	1022	0	5	27	4	4.46		.84	6	14.5	7	14	9	4	0
DANVILLE		39.1	22.1	30.6		59	10	4	21+	990	0	6	26	0	4.83	1.07	.89	14	22.7	12	14	10	4	0
DIX DAM		41.0	25.5	33.3		58	10+	6	20	912	0	4	23	0	3.79		.85	6				9	3	0
FALMOUTH		41.3	23.0	32.2		62	10	2	20+	944	0	1	25	0	4.13	1.06	1.01	6	6.5	3	14	9	3	1
FLEMINGSBURG 2		40.2	22.1	31.2		60	10	1	20	976	0	4	24	0	5.44		1.67	10				9	5	1
FRANKFORT LOCK 4		40.0	22.9	31.5	- 6.4	60	10	5	16+	967	0	4	26	0	4.46	1.32	1.12	6	7.4	4	15+	10	4	1
LEXINGTON W8 AIRPORT		38.3	23.7	31.0	- 5.0	59	10+	6	20	980	0	7	24	0	4.55	.92	1.56	10	16.4	7	15+	8	3	1
MAYSVILLE DAM 33		39.8	20.7	30.3	- 6.2	61	10	1	21	1000	0	4	26	0	4.11	.87	1.35	11		8	14	9	2	1
MOUNT STERLING		41.0	24.3	32.7		62	10	4	20	929	0	4	23	0	5.01	1.60	1.68	10	21.0			11	3	1
RICHMOND		39.3	21.2	30.3		61	10	1	20	998	0	7	26	0	5.12		1.46	11	21.5	10	19+	9	3	1
SHELBYVILLE		39.0	22.2	30.6	- 6.6	61	10	7	15	991	0	7	26	0	4.82	1.32	1.31	6		4	15+	10	3	2
WARSAW MARKLAND DAM		39.5	25.8	32.7		60	10	11	20	931	0	5	23	0	4.01		1.45	6		3	14	7	2	1
WILLIAMSTOWN 5 WSW		38.9	20.3	29.6	- 6.8	59	10	8	21+	1018	0	6	27	0	4.22	.97	1.12	10+	11.7	4	25+	9	2	2
DIVISION				31.5	- 6.2										4.40	.97								
EASTERN																								
ASHLAND DAM 29		43.0	26.5	34.8	- 3.8	65	10	10	20+	871	0	3	24	0	3.89	1.01	1.34	11	12.9	9	14	5	3	1
BARBOURVILLE		46.6	23.7	35.2		63	10	- 6	15	859	0	3	24	2	2.94		.72	10	24.0					0
BAXTER		46.0	23.0	34.5		61	10+	- 1	16+	878	0	3	25	2	3.59		.77	19				9	4	0
BENHAM		45.2	21.9	33.6		61	26	- 1	20+	907	0	3	25	3	5.07		1.15	19+	30.0	14	15	9	4	2
BLAINE		45.5	22.4	34.0		65	10	- 6	20	892	0	4	25	2	4.15		.81	14	21.5	12	14	11	3	0
DEWEY DAM		45.5	22.6	34.1		66	10	0	20	891	0	3	26	1	4.10		1.01	11	20.0	10	14	8	4	1
FARMERS		42.6	22.4	32.5	- 5.4	64	10	- 7	20	936	0	3	24	2	5.15	1.69	1.64	11	23.5	12	14	8	4	1
GRAYSON 1 SE		41.3	20.6	31.0		64	11	- 4	20	980	0	4	26	2	4.18		1.31	11	12.0			7	4	1
HEIDELBERG LOCK 14		44.5	23.6	34.1		64	10	- 4	15	892	0	2	24	2	4.78	.97	1.50	11	21.5	10	19+	9	3	2
HINDMAN SETTLEMENT SCH		43.8	18.2	31.0		63	10+	- 5	20	977	0	3	28	3										
INEZ		47.5M	23.4M	35.5M		65	10	- 2	20	851	0	2	25	1			1.42	10	19.0			7	4	2
LONDON FAA AIRPORT																								

CLIMATOLOGICAL DATA

KENTUCKY
FEBRUARY 1960

CONTINUED

CONTINUED

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max		Min						Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
										90° or Above	32° or Below	32° or Below	0° or Below										
MOUNT VERNON	41.2M	23.6M	32.4M		62	10+	2	15	938	0	4	24	0	5.42		1.58	10				9	5	2
PIKEVILLE	47.7	28.1	37.9		68	10	3	20	779	0	3	21	0	4.85	1.28	1.06	5				9	5	1
SOMERSET 1 N	42.4	23.1	32.8		62	10	-11	20	927	0	4	23	2	3.92		1.25	10		16.3	8	19+	7	3
VANCEBURG DAM 32	41.6	24.6	33.1		60	10+	4	20	922	0	3	24	0	4.80	1.59	1.45	11		10	18	8	4	2
WEST LIBERTY	AM 42.4	19.1	30.8		65	11+	-7	20+	989	0	4	26	4	4.72		1.14	11		12	15+	9	4	1
WILLIAMSBURG 2	AM 45.9	22.3	34.1	- 7.0	65	10	- 2	16+	889	0	1	25	3	4.67	-.12	1.11	11				8	3	2
DIVISION			33.8	- 5.9										4.39	.54				20.4				

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation								Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00 a CST	6:00 a CST	12:00 p CST	6:00 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total			
COVINGTON WB AIRPORT	WSW	11	11.5	29	WSW	25	73	77	65	69	6	5	8	1	1	0	21	-	8.5	
LEXINGTON WB AIRPORT	WSW	12	10.4	-	-	-	81	85	73	77	8	3	5	2	1	0	19	-	7.9	
LOUISVILLE WB AIRPORT	NW	14	10.7	47	S	10	75	78	68	69	6	6	6	1	1	0	20	34	8.0	

See Reference Notes Following Station Index

DAILY PRECIPITATION

KENTUCKY
FEBRUARY 1960

Station	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ADDISON DAM 45	3.68				T	.63	1.08			T	.68	.02			.08		.03	T	.05			.02					.43	.40	T	.22	.04			
ALBANY A N	5.27					.82					.84			.12	.34					.57			.12	.10				.30	.26		.22			
ALLEN	A.07				.25	.79					1.05				.34					1.18							.13							
ANCHORAGE	4.58				.30	1.65	.17			.08	.86	T		.19	.1A		.03		.20			.04			.10	.62	T		.18					
APEX 2 NE	2.81				.09	.08	.63	.02			.81		.01				.02		.02			.04					.76	.08	.01	.18	.06			
ASHLAND DAM 29	3.89				.06	.74	.05		.02		1.34				.89	T				.A0		T					.09	.23	.02	T	.05			
BARBOURVILLE	2.9A				T	.30	.14				.72				.68						.72						.30	T		.03	.05			
BARDSTOWN S J PREP SCH	03.25				.32	.16	.23	T			.35	.01	*		.050	.16	.12	.23	T	.07	.10		.05		.08	.64	T		.28					
BAXTER	3.59				.15	.73	.12				1.07			.25	.55	T			.77			.05			T	.84	T		.105	.05	.22	.12		
BEAVER DAM	3.79				.08	1.37	.04				1.07			.03	.04		.01		.04			.05					.84	T						
BENHAM	5.07				.27	1.15		.09	.02		.29	.92			.20	.75	.12	T	.02	.15	T		.05				.05	.17	T		.25	.11		
BENTON 2	3.07				.12	.26		.05			1.29				.16	.07	.04	.02	.19			.04			.10	.71			.17					
BERRA COLLEGE	3.95				.27	.56	.32				1.45				.07	.71	T					.09					.32	.01		.03	.06	.11		
BERRA WATER WORKS	5.28				.39	.69					.11	1.13	T					.76	.82			.07					.22	.11						
BLAINE	DA.15				.12	.63	.24	T			.66	T		.039	.081				.040	.20		.15					.43			.12				
BONNIEVILLE					RECORD MISSING																													
BOWLING GREEN	04.31				.10	.85	.75				.47	.21			.08	.52	.10		.04	.10		.12	.04				.47	.35	T	.07	.0A			
BOWLING GREEN SUBSTA	4.17				.54	1.11					.64	.23			.53		.14		.12	T		.15			.31	.34	T		.09					
BOWLING GREEN FAA AP	A.04				.08	1.52	T				.75	T			.62	T		.07		.16		.10					.34	T		.04	.08			
BRENT DAM 36	3.06				.20	.93	.02	T		.04	.77	.42			.04	T					T	T					.20	.23	T		.0A	.08		
BROWNSVILLE LOCK 6	4.23				.13	.53	.71				1.19	.16	T		.50		T		.10	T		.05					.38	.29	T	.10	.09			
BURDINE 2 NE	DA.65				.09	.16	.80				.28	.81			.08	.41	T		.89	.24	.13	T					.21	.21	T		.24			
BURKESVILLE	A.54				.16	.20	.70	.04			.28				.10	.12		.10		.12		.05					.80	.10		.14	.08			
CADIZ LOCK E	2.30				.02	.20	.68		.04			.71	T		.03		.02		.10		.01	.02					.47	.53	T	.1A	.01			
CALMOON LOCK 2	2.97																																	
CAMPBELLVILLE	A.38				.15	.89	.18				1.02	T			.37	.19	.01		.64		.09	.02					.65	.01		.16				
CANEYVILLE	A.28				.17	.A8	.93				1.17	.01	T		.30		.03	T	.08	T	.03	.04					.65	.17	T	.17	.05			
CARROLLTON LOCK 1	4.07				.28	1.40			.01		1.15	.04	T		.18		.25	.03	.10	T	.02	.08					.22	.17		.10	.04			
CLAY CITY 1 WNW	4.37				.23	.56					.45	.95			.07	.40		.55	.60		.05	.05					.21	.14		.06	.10			
CLERMONT 1 SSE	4.74				.21	1.04	.21			.04	1.61	.03	T		.04	.27	.02		.1A	T	.03	.02					.86	T		.22	T			
CORR	2.1R				.36	.40					.09									.08							.80	.17			.28			
COLLEGE HILL LOCK 11	4.20				.30	.76		.02	.01		.04	1.50			.18	T		T	.A6	.28	T	.10					.23	.12	T		.18	.12		
COVINGTON WB AIRPORT	3.49				.26	.91	.10	T	.04	.19	1.01	T			.14	.02	.01	T	.09	.01	.16				.10	.29	T		.16	T				
CUMBERLAND FALLS ST PK	4.94				.05	.53	.26				1.16				.36																			
CYNTHIANA	4.94				.34	.88		T	T		.36	1.21	T		.50				.23	.22	T	.01	.08				.33	.63	T	.08	.07			
CYNTHIANA 2	04.46				.33	.84					.71	.66			.02	.89			.A40		.10						.20	.47		.05				
DANVILLE	4.83				T	.65	.88	.01	T		.27	.67			.02	.89				.31		.04	.02					.23	.25	T	.12	.08		
DELFPHIA 1 F					.15	.35		.19																										
DEWEY DAM	4.10				.17	.82		.09	T		1.01	T		.10	.70				.80								.12	.21	.02	.03	.03			
DIX DAM	3.79				T	.64	.85				.56	.5A	T		.35				.37		.05						.23	.15		.20				
DUNDEE BARRETT'S FORD BR	04.3A				.15	.48	.88				1.18	T			.15	.010	.05		.18		.01	.03					.62	.10	.18	.24				
DUNMOR	3.52				.08	.68	.48				1.17				.15		.03		.03		.01	.05					.65			.16	.08			
EDDYVILLE LOCK F	2.96				.15	.38	.27				.71				.17		.03		.15		.02	.01					.66	.10		.43	.03			
EDMONTON	4.03				.05	.08	.95				.20	.80			.30		.03		.15		.35	.10					.25	.15		.37				
ELIZABETHTOWN	5.94			.02	.30	.90	.60			.03	1.61	T	T	1.02	.08	T			.16						.25	.45								
ELKHORN CITY	4.00						1.33					.55			.35	.55				1.22														
ELKTON 2 S	2.74				.05	.26	.77	T			.57	.07	T		.03	.05	.10		.02	T	.09	T					.56	.08	T		.09			
FALMOUTH	A.13				.22	1.01		T	T		.38	.92	T		.54				.12	.17	.06	T	.03				.25	.36	T	.05	.02			
FARMERS	5.15				.27	.85		.02	T		1.64	.01	T		.82	T			.34	.68	T	.12	.06				.17	.09	.01	.06	.13			
FLEMINGSBURG	3.80				.20	.07					.79	.32			1.17				.45		.12						.26	.25		.17				
FLEMINGSBURG 2	5.44				.24	.44	.24	T		.03	1.67	T			.74	.53			.77	T	.05						.63	T		.10				
FORD LOCK 10	4.44				.25	.81		.25			1.49	T			.47				.14	.A2	T	.11					.18	.18	T		.08	.06		
FORDS FERRY DAM 50	02.10				.26	.A4					.43	T			.47				.01		.02	.11					.28	.21	.10	.32	.02			
FRANKFORT LOCK 4	4.46				.58	1.12	T				.84	.56	T		.31	T			.15	.12	T	.02					.28	.30		.13	.05			
FRANKLIN 1 E	04.75				*	1.32	.71				.31	.35			.78				.10	.59		.13												

DAILY PRECIPITATION

KENTUCKY
FEBRUARY 1960

CONTINUED

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ONEONTA DAM 35	3.42				.15	.85	.02			.02	.31	1.21	.01		.08			T	.08			T	.04			.17	.38	T		.04	.06	
OWENSBORO 2 W	03.00				.21	.17	.71				.46	0.03			0.03			D.05	T	.11		D.02				.78	.10			.23		
OWENSBORO DAM 46	3.18				.30	.90					.67	T			.04			.04	T	.02		T	.07			.40	.39			.25	.10	
PAIDUCHAN FAA AIRPORT	2.36				.21	.44	.01			.54	.02	T					T	.15	.02		T	.01				.45	T	.13		.10		
PADUCAH	1.70				.10	.34					.51						T	T	T						.28	.55			.20			
PAINTSVILLE	3.37				.04	.62	.07	T			.82				.02	.70	.02			.55			.02			.04	.42	T		.02	.03	
PIKEVILLE	4.85				.21	1.06	.17	T			.64	.02			.67	.17			.97	.03	T		.28			.54	T	T		.06	.03	
PINEVILLE	3.92				.07	.56	.06				.77	T			.24	.82	T		T	.02	1.01	T	T	.09		.07	.06	.01		.14		
PRINCETON	02.40				.15	.60					1.48				.06	.55		D.33		.55		.27			.81				.25			
RAVENNA LOCK 12	3.79				.17	.42														.55					.26	.19	.06		.04			
RICHMOND	5.12				.37	.80	.03	T			.06	1.46			.03	.95			.35	.40		.04	.05			.19	.19	T		.12	.08	
ROCHESTER LOCK 3	2.91				.05	.40	.72				.61	T			.14			.03	.02		.03	T				.60	.18	.02		.07	.04	
RUSSELLVILLE	04.32				.02	.46	.65				.65	.04			.08	.54	D.66		D.10	.06	.07	.06				.58	.14			.02	.11	
RUSSELLVILLE SUBSTA	3.78				.04	.59	.65	T			.70				.76			.06		.05		.13				.72	.06			.02	T	
SALVISA LOCK 6	5.22				T	.40	.88	T			.88	1.02	T		.61			.36		.20	T	.04				.21	.35	T		.16	.11	
SALYERSVILLE 2 SE	3.66					.77	.04				.84				.06	.77			.75						.30	.08			.05			
SCOTTSDALE	4.54				1.54	.15					.34				.64			.11	.54		.14			.03		.81			.24			
SCOTTSDALE 2 SW	4.74				T	.57	1.00				.28	.05			.12	.80		.05	.60	.25		.10				.62	.09	.02		.19		
SEBREE	4.31				.50	.60	.41				1.20								T										1.60			
SHAWNEE STEAM PLANT	2.48				T	.44	.23	T			.65	T						.02	T	.10		.03	T			.35	.40	.02		.23	.01	
SHFLAYVILLE	4.82				.63	1.31					1.22	.19			.38			T	.14	.15			.02			.30	.35	.02		.11		
SHEPHERDSTOWN	4.51				.80	.90					1.25	.01			.38	.03			.16			.01				.60	.16	.02		.17	.02	
SOMERSET 1 N	3.92				.08	.62	.20	.01			1.25		.01		.05	.08		.08	.82		.20					.33	.01			.18		
SPRINGFIELD	3.64				.46						1.00	.33			.47				.40								.45	.31			.14	.08
STEARNS	4.47					.71	.05				1.11				.18	.50			.59	.70		.10				.35		.06		.12		
SUMMER SHADE	4.67				1.22						1.34				.45	T		.03	.86		.19					.47	T		.11			
SUMMER SHADE SUBSTA	5.17				.08	.11	1.05	.01			.37	.96			.06	.85		T	.30	.33		.31	T			.43	.09	T		.22		
TAYLORSVILLE	4.63				T	.46	1.35				1.30	.20						.02	.08	.06		.02	.04			.40	.26			.16	.04	
TURKEY CREEK SCHOOL	2.45				.16	.28	.19				.38				.15			.09	.15		.05	.01				.87	.11			.08	.08	
TYRONE LOCK 5	4.81				.49	.95	T				.52	1.12			.34			T	.22	.21	T	.05				.28	.44	T		.11	.08	
UNIONTOWN DAM 49	1.76				T	.22	.37				.41	T						T	T			.04	.02			.29	.21	T		.20	T	
VALLEY VIEW LOCK 9	3.99				.45	.76		T	T		.32	1.04	T		.40	T		T	.24	.20	T	.08	.04			.15	.15	T		.07	.09	
VANBUREN	4.70				.66	1.13					1.03	.23			.13				.15	.02		.02	.04			.25	.33			.17	.04	
VANCEBURG DAM 32	4.80				.07	.70	.02	T			.04	1.45	T		.60				.10	1.20	T	.10				.16	.28	T		.02	.06	
WARSAW MARKLAND DAM	4.01				.30	1.44		T		.03	.91	.35	T		.27	T		T	.05	T		.04	T		.25	.28			.02			
WAYNESBURG 7 NE	4.65				T	.25	.86	T			T	1.47			.08	.13	.01		.61	.55	T	.08	.10			.20	.24	T		.07	T	
WEST LIBERTY	4.72				.34	.79	.04				1.14				.05	.80			.09	.63		.09				.27	.12	.16		.08	.12	
WILLIAMSBURG 2	4.67					.48	.05				1.11				.28	.90	.02		.21	1.08		.05	.05			.24	.05	.03		.12		
WILLIAMSTOWN 5 WSW	4.22				.31	1.12	T			T	1.12	.32			.34			T	T	.08	.09	T	.06	.05		.38	.11	T		.14	.10	
WILLOW LOCK 13	5.80				.26	.63					1.43				.12	.99			.28	1.40						.40				.12	.17	
WOLF CREEK DAM	5.50					.14	.85				1.78				.07	.93			.04	.30		.09	.18			.23	.18			.24		
WOODBURY LOCK 4	4.40				.12	.52	.85				.90	.04			T	.58		.05	.05	.10		.08	.02			.48	.40	T		.13	.08	

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Odelayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The station index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

AM Data based on observational day ending before noon.

B Adjusted to a full month.

O Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Oegree day data, if

carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., EST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, O. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, O. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

DAILY TEMPERATURES

KENTUCKY
FEBRUARY 1960

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADDISON OAM 45	MAX	48	42	44	52	46	42	36	41	58	58	52	34	30	30	38	40	40	34	28	40	36	34	40	42	38	35	40	36	34	40.3	
	MIN	32	32	28	30	40	32	30	25	26	32	26	26	27	18	21	22	34	24	20	18	20	22	24	22	28	26	22	20	16	25.6	
ANCHORAGE	MAX	48	45	45	45	46	46	37	49	57	62	45	33	30	34	40	38	40	37	32	33	35	36	40	39	39	32	38	35	32	40.3	
	MIN	24	29	25	34	37	34	25	20	37	45	27	25	25	20	7	22	35	26	19	9	25	15	15	29	30	26	15	29	17	25.0	
ASHLAND DAM 29	MAX	54	42	47	57	51	50	40	50	61	65	50	37	32	30	36	39	48	38	32	34	33	38	38	38	48	45	40	37	36	43.0	
	MIN	26	31	23	28	38	38	32	23	43	48	32	27	24	20	10	14	30	28	23	10	21	23	13	23	32	28	25	33	23	26.5	
BARBOURVILLE	MAX	60	55	48	51	55	52	48	53	60	63	55	40	38	32	42	47	56	45	30	30	40	40	42	50	48	46	35	50	40	46.6	
	MIN	23	24	23	28	45	38	28	14	42	50	23	24	23	18	-6	10	28	20	15	-4	22	25	12	20	35	30	23	30	25	23.7	
BAROSTOWN S J PREP SCH	MAX	53	44	48	51	48	40	52	58	63	56	39	38	38	40	40	33	36	37	37	36	24	17	17	40	43	39	39	36	35	43.6	
	MIN	24	26	34	36	33	30	20	41	55	28	24	4	21	35	25	8	3	24	17	17	40	32	26	18	28	15	25.9				
BAXTER	MAX	61	60	53	53	52	55	49	34	48	61	60	37	40	29	32	43	44	55	39	32	38	37	40	47	52	60	33	41	49	46.0	
	MIN	29	25	26	27	42	45	36	36	25	26	19	-1	-1	17	29	21	3	4	28	15	15	26	30	26	26	26	26	26	29	23.0	
BEAVER DAM	MAX	46	43	46	58	53	48	39	55	62	64	45	32	31	35	43	41	40	37	32	35	38	38	46	43	38	32	39	37	36	42.5	
	MIN	25	28	29	40	46	35	26	21	41	45	29	21	25	21	15	29	34	25	20	14	27	18	20	32	31	25	21	29	20	27.3	
BENHAM	MAX	59	59	51	52	54	55	43	33	55	59	51	37	39	32	28	45	44	55	36	31	34	40	40	46	52	61	37	36	46	45.2	
	MIN	25	26	20	25	46	43	26	17	17	42	35	27	24	26	-1	-1	16	32	19	-1	2	24	12	14	26	25	23	24	23	21.9	
BENTON 2	MAX	48	44	50	60	57	51	42	56	67	67	42	38	34	37	46	46	41	37	35	38	46	45	46	46	36	33	38	37	35	44.8	
	MIN	26	31	27	42	48	38	29	20	39	28	20	39	26	19	16	31	35	26	21	16	28	19	17	36	30	26	18	30	21	27.3	
BEREA COLLEGE	MAX	55	50	49	52	50	40	51	64	64	59	31	30	30	30	40	40	48	33	29	33	38	36	36	42	49	39	37	41	36	42.9	
	MIN	24	26	25	38	36	29	24	48	48	28	23	21	18	6	18	32	29	17	4	21	15	14	31	32	26	20	26	20	25.0		
BLAINE	MAX	59	58	54	57	55	54	40	50	63	65	53	32	29	28	40	41	53	46	28	38	35	37	42	41	62	47	40	39	35	45.6	
	MIN	20	30	22	23	37	36	31	17	33	49	32	27	24	19	-4	4	28	25	21	-6	14	18	6	17	31	28	20	25	23	22.4	
BONNIEVILLE	MAX																															
	MIN																															
BOWLING GREEN FAA AP	MAX	52	43	46	56	51	46	40	56	63	63	35	32	29	32	40	40	39	37	33	35	36	37	42	43	43	33	37	38	33	41.7	
	MIN	29	29	30	37	44	35	24	20	41	35	27	20	25	9	3	24	34	24	16	12	26	23	20	29	30	23	20	26	18	25.3	
CAMPBELLVILLE	MAX	51	48	46	50	52	47	38	53	58	63	51	33	30	31	38	38	49	38	31	33	36	35	43	42	43	36	38	36	34	42.1	
	MIN	26	31	27	38	43	36	30	23	46	50	28	23	24	21	4	18	35	26	15	3	26	19	16	27	33	26	20	29	20	26.3	
CARROLLTON LOCK 1	MAX	48	46	44	45	45	47	37	48	59	60	60	36	35	34	38	37	41	40	34	35	35	35	39	39	40	41	37	37	36	41.7	
	MIN	24	31	24	33	31	34	31	20	33	45	28	25	26	20	8	25	36	26	20	10	25	16	15	30	31	27	20	28	18	25.7	
CLERMONT 1 SSE	MAX	52	48	45	47	50	47	39	52	57	64	62	33	32	35	41	39	39	38	33	38	40	41	43	42	42	37	38	41	35	43.1	
	MIN	25	35	26	34	34	36	31	19	43	51	28	25	26	21	7	22	36	25	19	8	25	17	18	30	33	27	16	27	16	26.2	
COVINGTON WB AIRPORT	MAX	43	35	43	44	45	44	33	43	57	60	39	37	28	31	38	36	40	33	27	37	33	31	37	37	38	30	34	35	25	37.6	
	MIN	26	25	23	32	41	30	25	22	37	39	25	19	21	18	12	24	32	24	18	12	24	12	13	29	26	22	16	22	12	23.5	
CYNTHIANA 2	MAX	52	50	45	45	46	48	39	38	47	62	55	33	34	28	29	33	37	38	32	27	30	35	34	38	38	40	33	36	35	39.2	
	MIN	22	30	25	24	30	39	30	18	24	40	30	26	26	18	-5	-1	25	28	15	-4	-2	12	8	9	29	27	17	23	13	19.9	
DANVILLE	MAX	46	51	43	44	44	47	38	34	51	59	58	33	30	26	30	38	37	44	30	30	34	34	34	37	37	43	31	35	36	39.1	
	MIN	28	29	24	25	35	38	30	20	23	44	29	23	23	20	4	5	25	28	15	4	4	18	13	15	26	26	18	20	29	22.1	
DEWEY DAM	MAX	54	58	44	52	58	57	47	34	54	66	65	43	35	28	30	40	43	57	35	30	40	38	42	44	43	63	35	41	44	45.5	
	MIN	26	28	18	18	27	42	32	19	19	40	40	30	25	20	12	8	12	28	25	0	4	27	12	12	22	30	27	27	26	22.6	
DIX DAM	MAX	53	51	45	45	48	48	37	50	58	58	55	31	32	27	35	37	40	40	29	33	35	35	38	38	42	41	37	37	34	41.0	
	MIN	26	29	25	34	40	38	27	22	41	48	29	24	23	26	12	18	33	27	15	6	24	17	15	26	31	21	18	26	19	25.5	
ELIZABETHTOWN	MAX	52	49	43	52	50	47	40	54	60	64	53	33	31	29	37	40	40	39	32	33	36	40	43	40	42	34	38	36	34	42.1	
	MIN	25	33	28	37	41	37	29	26	41	53	30	25	27	20	3	28	34	26	20	13	25	19	23	30	34	26	20	25	18	27.4	
FALMOUTH	MAX	51	42	47	47	48	47	38	47	56	62	54	38	36	35	37	38	40	38	32	35	36	35	38	39	40	38	37	34	34	41.3	
	MIN	22	29	22	27	32	33	30	18	33	45	29	24	24	19	2	15	33	25	18	2	19	11	11	29	31	28	17	27	12	23.0	
FARMERS	MAX	53	48	48	52	50	49	39	50	61	64	52	34	31	28	37	39	42	41	30	35	34	36	40	41	50						

DAILY TEMPERATURES

KENTUCKY
FEBRUARY 1960

Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
IRVINGTON	MAX MIN	50 26	46 31	42 27	50 35	48 42	47 34	41 31	52 23	59 40	63 47	47 28	32 24	31 25	37 20	42 13	38 28	39 35	38 25	32 18	39 13	36 26	38 16	43 21	39 30	39 31	33 25	40 20	36 28	33 15	41.7 26.8		
LEITCHFIELD	MAX MIN	49 31	44 31	43 28	53 36	50 44	47 30	37 31	54 23	61 44	63 43	47 24	39 23	30 24	33 20	39 15	39 26	39 33	37 26	32 18	34 15	36 26	37 19	43 22	40 31	40 27	38 24	38 21	35 29	32 17	41.7 26.9		
LEXINGTON WB AIRPORT	MAX MIN	49 28	42 26	44 24	45 33	48 41	45 30	35 22	49 21	59 41	59 38	30 26	27 25	27 20	35 13	9	36 20	39 34	34 26	26 11	31 6	34 24	34 17	38 14	36 27	40 28	31 25	36 18	34 27	29 13	38.3 23.7		
LONDON FAA AIRPORT	MAX MIN	56 24	45 30	45 26	48 31	52 43	46 30	33 20	49 18	61 43	60 40	40 27	32 24	26 19	28 3	36 -4	37 10	51 32	33 24	25 0	34 -6	36 24	35 13	42 7	43 24	48 30	30 26	38 22	41 28	33 17	40.8 21.6		
LOUISVILLE	MAX MIN	50 29	40 30	47 25	48 35	47 39	48 33	39 29	52 24	59 41	64 48	50 28	32 27	32 29	33 22	40 15	40 29	41 37	40 25	34 20	35 18	36 24	37 16	41 20	40 29	41 30	33 25	40 19	37 26	32 19	41.7 27.3		
LOUISVILLE WB AP	MAX MIN	49 28	47 29	45 28	48 35	47 40	46 33	38 26	52 24	61 42	63 37	37 27	33 27	30 24	33 18	41 13	40 29	41 35	35 27	30 22	36 19	36 27	37 19	42 21	40 31	41 29	31 26	40 21	37 22	30 15	40.9 26.7		
LOVELACEVILLE	MAX MIN	53 28	50 31	50 31	60 41	56 47	50 37	43 29	58 47	68 37	66 39	39 26	31 19	38 25	46 19	41 20	39 32	38 35	39 25	38 21	48 20	47 18	45 19	44 23	33 28	32 23	38 17	38 30	35 20	44.8 27.8			
MAOTSONVILLE 1 SE	MAX MIN	45 25	44 27	47 29	58 40	56 45	49 36	39 25	58 22	63 43	65 40	43 36	30 25	40 18	45 18	57 30	49 35	40 25	33 20	35 15	41 27	40 18	48 19	50 34	37 30	32 25	40 20	36 29	34 20	44.3 27.5			
MAMMOTH CAVE PARK	MAX MIN	53 27	50 29	44 29	55 38	55 42	48 33	41 29	54 20	48 44	69 51	52 28	34 21	31 23	40 18	40 6	39 27	40 34	38 23	33 15	36 10	37 25	46 18	41 29	42 37	35 25	36 15	34 28	35 17	42.9 25.8			
MANCHESTER 4 SE	MAX MIN	59 26	55 26	47 23	50 27	53 39	51 38	39 31	52 15	59 39	62 52	56 32	35 27	34 24	32 19	-6	45 8	57 30	48 27	31 19	39 -4	40 21	38 16	44 10	48 20	60 30	51 29	40 25	45 30	37 26	46.5 24.5		
MAYFIELD	MAX MIN	51 30	45 30	50 31	62 43	56 47	48 38	44 30	56 28	67 44	65 38	42 26	35 20	32 26	35 20	45 20	38 32	38 34	37 25	32 22	38 22	46 29	42 20	47 24	42 36	35 32	32 24	38 22	32 21	43.6 28.8			
MAYSVILLE OAM 33	MAX MIN	52 25	49 26	39 24	45 23	51 27	49 41	42 32	37 20	49 22	61 39	57 33	35 25	35 24	28 19	30 3	35 2	37 17	39 30	31 19	28 3	34 1	36 18	33 8	38 8	41 27	33 28	37 19	37 18	34 20	39.8 20.7		
MIDDOLESBORO	MAX MIN	61 27	54 24	51 23	50 37	51 43	50 40	40 31	48 15	54 41	62 53	58 32	40 22	38 25	34 20	43 -4	43 10	55 27	53 28	36 19	40 5	36 24	43 19	49 52	52 36	52 49	43 29	43 30	40 29	42 29	47.7 26.2		
MONTICELLO	MAX MIN	52 25	47 29	43 26	50 35	52 44	48 38	39 25	53 19	59 47	62 51	56 29	34 23	30 22	40 -5	43 11	50 33	40 26	34 5	38 -9	36 22	40 23	45 19	52 37	38 27	43 30	34 20	43 23	34 20	43.3 24.1			
MOUNT STERLING	MAX MIN	52 27	44 28	46 23	48 33	49 38	48 35	36 28	48 21	40 40	62 48	52 28	30 25	28 21	30 16	35 8	38 14	41 34	40 25	30 16	34 4	35 20	35 17	38 11	41 24	44 32	41 26	36 19	35 25	41.0 24.3			
MOUNT VERNON	MAX MIN	48 28	50 40	46 32	48 28	50 40	46 32	35 28	48 20	62 43	62 49	57 19	32 23	30 22	26 18	35 2	40 10	46 35	39 30	28 13	34 4	36 23	40 22	44 5	50 18	38 37	38 25	40 21	37 26	34 20	41.2 23.6		
MURRAY	MAX MIN	53 31	45 30	54 30	57 46	53 47	49 39	42 29	57 26	67 43	65 39	39 27	35 20	30 25	38 19	46 20	38 31	38 30	36 25	37 21	37 19	43 20	40 20	46 35	35 30	38 26	37 22	32 29	32 21	43.4 28.6			
OWENSBORO 2 W	MAX MIN	41 25	44 30	44 29	56 39	52 43	48 36	39 31	54 26	59 36	62 36	42 28	32 23	31 26	35 21	44 21	37 30	38 34	37 25	32 30	38 34	38 28	36 22	46 17	40 22	37 34	34 32	38 25	37 30	41.5 27.6			
PAOUCAH FAA AIRPORT	MAX MIN	51 28	37 31	49 32	61 42	51 42	42 33	43 28	57 29	67 45	67 30	41 26	38 21	30 25	40 21	33 20	36 32	45 29	37 23	37 19	47 21	38 19	43 24	41 32	34 28	40 20	35 17	36 24	29 17	42.2 27.1			
PAOUCAH	MAX MIN	52 28	46 31	51 32	59 41	57 47	49 36	43 32	57 20	67 43	67 39	41 28	38 21	32 25	38 19	46 20	43 32	39 35	38 26	38 23	37 23	45 19	45 33	43 29	35 29	33 25	36 20	38 31	34 20	44.5 29.2			
PIKEVILLE	MAX MIN	61 30	49 35	55 23	57 35	58 40	41 32	41 32	53 22	63 42	68 51	56 34	38 32	32 25	43 22	47 7	60 14	40 32	40 24	30 24	38 21	36 31	40 30	45 15	44 22	64 33	53 32	45 28	48 30	38 30	47.7 28.1		
PRINCETON	MAX MIN	50 25	44 31	50 30	59 41	53 48	49 36	43 31	60 19	65 38	65 41	43 28	39 21	32 27	39 17	47 17	40 31	40 35	38 25	37 17	35 16	42 27	41 17	48 21	38 30	33 26	38 20	38 30	34 21	44.2 27.7			
RICHMOND	MAX MIN	44 24	54 27	41 24	46 25	48 35	49 38	39 29	35 20	49 22	61 43	57 30	32 24	31 23	25 17	29 5	36 5	38 22	43 15	30 1	29 10	36 17	33 8	37 10	38 27	42 20	30 16	37 24	37 20	39.3 21.2			
RUSSELLVILLE	MAX MIN	51 27	45 29	48 29	58 29	55 47	48 35	42 31	58 24	63 45	64 44	45 29	35 19	28 24	36 20	40 10	40 27	39 35	38 26	35 20	32 16	37 26	45 19	47 33	42 33	33 27	34 20	38 28	39 22	43.2 27.4			
SCOTTSVILLE	MAX MIN	54 27	48 27	48 31	56 38	53 44	48 36	42 31	55 24	62 44	64 51	35 30	31 20	32 24	40 19	47 6	40 28	47 33	36 26	34 12	33 5	37 30	38 21	42 14	48 28	44 33	38 27	38 19	34 31	43.5 26.9			
SHELBYVILLE	MAX MIN	50 28	48 29	42 24	42 17	45 35	46 37	40 30	37 22	49 24	61 39	59 27	32 25	32 25	29 19	31 7	36 10	36 25	38 25	33 18	29 9	31 14	35 16	34 17	38 20	36 20	40 26	31 19	37 18	34 18	39.0 22.2		
SOMERSET 1 N	MAX MIN	55 22	46 29	44 26	49 34	51 39	45 35	37 28	52 17	59 38	62 50	32 28	30 23	29 20	30 18	38 -5	38 10	50 34	43 26	29 12	36 -11	36 22	40 5	45 23	48 32	37 26	37 18	41 28	34 23	42.4 23.1			
SUMMER SHADE	MAX MIN	51 25	42 28	48 30	54 36	48 42	45 35	38 26	54 21	61 45	62 45	45 28	35 22	30 23	40 17	40 2	40 16	45 32	36 26	30 4	33 0	37 22	36 18	44 12	48 26	44 32	38 18	39 30	34 19	42.2 24.3			
VANCEBURG OAM 32	MAX MIN	50 26	36 30	45 22	54 30	50 40	50 36	40 36	47 20	60 42	60 49	50 35	35 23	30 23	41 18	39 8	39 11	40 32	38 28	30 19	34 4	31 15	37 12	42 21	40 30	44 26	43 22	35 20	35 25	41.6 24.6			
WARSAW MARKLAND OAM	MAX MIN	46 25	41 29	45 26	42 35	45 35	46 34	36 26	46 21	58 37	60 44	40 30	36 25	30 25	32 2																		

SNOWFALL AND SNOW ON GROUND

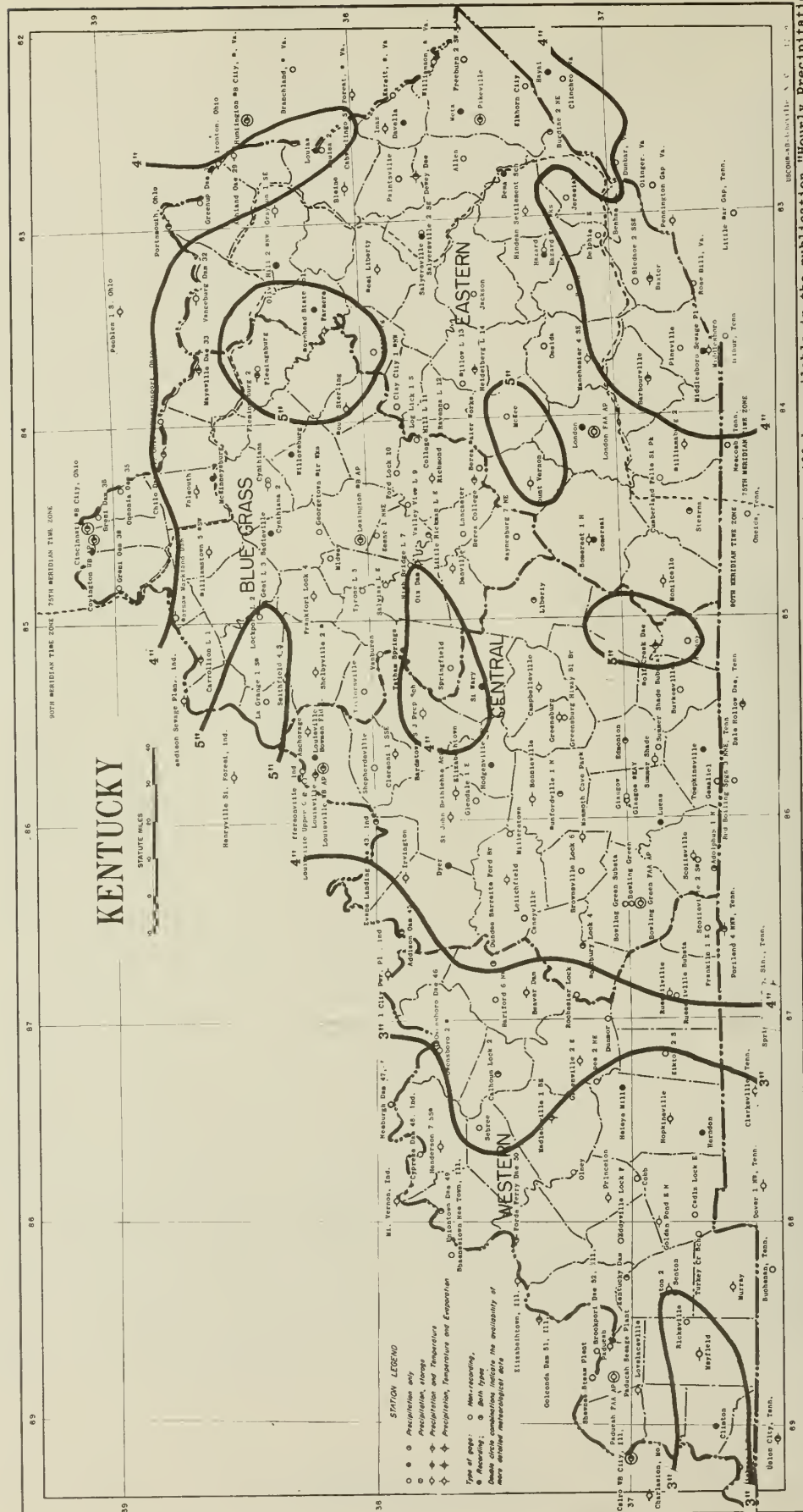
KENTUCKY
FEBRUARY 1960

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BARDSTOWN S J PREP SCH	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	*	5.0	-	-	-	-	-	T	-	-	T	-	-	-	T	-	3.0	-	-	-
BEAVER DAM	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BENHAM	SNOWFALL SN ON GND	-	-	-	-	-	-	1.0	.5	-	-	-	-	3.0	11.0	2.5	T	T	1	11.5	T	T	T	5	2	1	.5	T	T	T	T	T	
BEREA COLLEGE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BOWLING GREEN FAA AIRPORT	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	7.0	T	1.0	T	3.0	2	2	T	-	-	-	-	-	-	T	T	T	T	-	
CAMPBELLSVILLE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	4.5	2.5	3	2	T	6.0	5	4	1.0	4	3	2	1	T	.4	T	1.9	T	-	
COVINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	-	-	-	-	-	.1	.1	T	-	T	T	2.2	.4	3	2	1	1	1.3	.2	1	1.6	1	T	1	T	1.8	1.9	2.2	T	2	.2	
CYNTHIANA	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	8.5	8	5	4	.1	3.0	2.6	5	3	T	3	2	T	2.5	T	T	1.0	.5	-	
DANVILLE	SNOWFALL SN ON GND	-	-	-	-	-	T	T	-	-	-	-	-	1.0	10.5	8	7	5	4.5	2.5	.5	T	6	5	4	1.0	T	T	1.7	1.0	-	-	
EDDYVILLE LOCK F	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FARMERS	SNOWFALL SN ON GND	-	-	-	-	-	-	T	T	-	T	T	T	2.0	T	8	5	T	3.5	7.0	T	T	T	7	7	5	.2	4	2	1	2	.8	
FORDS FERRY DAM 50	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	2.0	1.0	3.0	T	-	
GEST LOCK 3	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HAZARD WATER WORKS	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	3	12	9	6	5	T	9	6	4	3	2	T	T	-	-	-	-	-	-	
HEIDELBERG LOCK 14	SNOWFALL SN ON GND	-	-	-	-	-	-	-	T	-	-	-	-	1.0	9.0	T	5	4	2.2	8.1	T	T	T	7	6	5	T	5	T	1.2	T	-	
HENDERSON 7 SSW	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	1	10	6	T	T	10	7	7	7	7	6	5	T	1.0	T	T	3.0	1	T	
HOPKINSVILLE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	1.1	1	-	.8	1	-	.3	-	-	-	.8	1	-	T	-	1.1	T	-	-	
IRVINGTON	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	.1	.8	1.2	1	-	.5	T	.5	-	-	-	.4	-	-	.5	T	-	2.5	1	T	-	
LEXINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	-	-	-	-	-	T	T	-	-	T	T	6.9	.2	7	7	5	T	6.0	T	4	6	4	4	3	3	T	.6	T	2.0	T	3	
LONDON FAA AIRPORT	SNOWFALL SN ON GND	-	-	-	-	-	T	T	-	-	T	T	9.0	T	9	9	T	9	6	11.0	T	11	10	9	8	4	T	T	T	T	T	-	
LOUISVILLE WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	-	-	-	-	-	T	T	-	-	.3	T	3.1	.1	3	1	T	4	1.4	T	-	.3	-	-	1.6	1.0	T	T	T	2.5	1	T	
MAMMOTH CAVE PARK	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	8.0	2.5	3	1.0	2.8	3	1	T	.7	-	-	-	T	.3	T	.1	-	-		
MAYSVILLE DAM 33	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	8	6	6	3	2	6	5	3	3	3	3	2	3	1	T	T	T	T	-	
MIDDLESBORO	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	4.0	8.5	.2	T	5	3	5.6	T	1.2	T	T	-	-	-	-	-	-	-	-	
MILLERSTOWN	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	.5	4.4	T	T	T	1.0	1	T	T	1.0	1	T	-	-	-	3.0	3	1	-	
MONTICELLO	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	2.3	7.0	2	7	4	2	5.0	7.0	1.2	9	5	3	2	T	-	-	-	-	-	
MURRAY	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	T	-	-	.3	T	.2	-	.3	T	-	-	-	T	-	-	.4	T	-	-	
OWENSBORO 2 W	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	.3	T	-	.3	1	-	.5	-	.5	1	T	.2	T	-	-	-	T	T	3.0	3	2	-	
PADUCAH FAA AIRPORT	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	T	T	T	-	T	T	-	-	1.0	3.0	T	2.0	1.0	3	T	
PAINTSVILLE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	T	-	-	-	-	.5	7.0	2.0	9	5	4	T	5.0	5	4	3	2	-	-	T	T	T	1.0	T	
PIKEVILLE	SNOWFALL SN ON GND	-	-	-	-	-	-	T	-	-	-	-	-	6.0	2.0	7	4	8.0	.3	8	7	4	3	3	T	T	T	T	T	T	1	T	
RUSSELLVILLE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	1.0	6.6	5	-	1.0	-	.7	1	-	.7	1	-	-	.3	T	.3	T	.5	-	
SOMERSET 1 N	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	6	7	6	3	2	10	8	6	6	5	4	3	-	-	-	-	-	-	-	
SUMMER SHADE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	7.0	T	2	T	1	8.0	5	4	1.0	4	3	T	-	-	T	1.5	1	-	-	
WILLIAMSTOWN 5 WSW	SNOWFALL SN ON GND	-	-	-	-	-	-	T	T	-	T	T	-	3.5	4	3	2	T	8	.9	1	1	1	1	1	T	3.8	.1	T	1.4	.1	-	

See reference notes following Station Index.

TOTAL PRECIPITATION

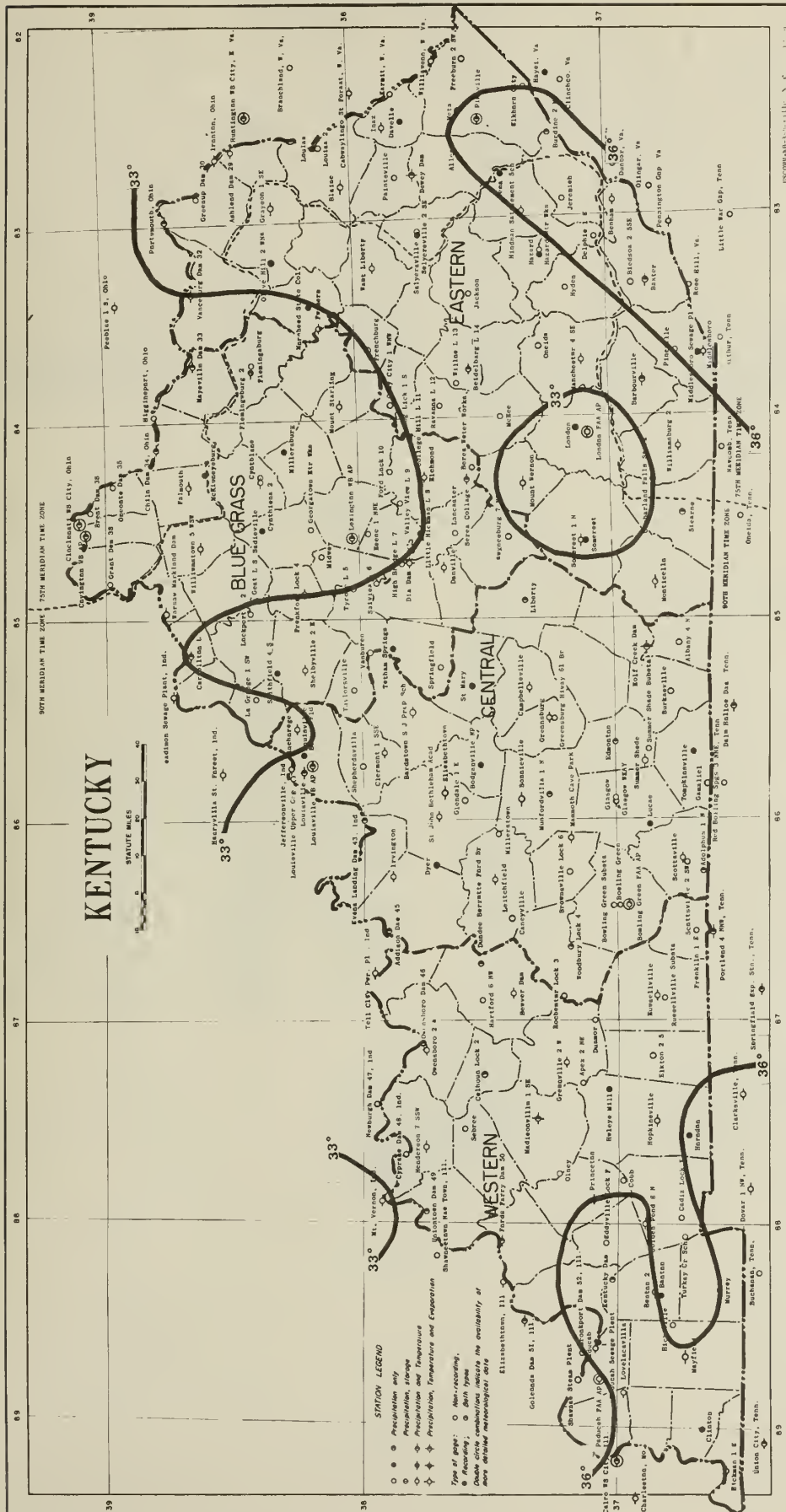
KENTUCKY
FEBRUARY 1960



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

KENTUCKY
FEBRUARY 1960



Isotherms are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

KENTUCKY
FEBRUARY 1960

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER		STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
							TEMP.	PRECIP.	EVAP.	SPECIAL										TEMP.	PRECIP.	EVAP.	SPECIAL		
ADDISON DAM 45	0031	BRECKINRIDGE	7	37 55	86 34	380	6A	6A			C	CONPS OF ENGINEERS	LITTLE MICKMAN LOCK 8	4825	JESSAMINE	4	37 45	84 35	540	7A			C	CORPS OF ENGINEERS	
ALBANY & N	0063	CLINTON	2	36 45	85 08	1000	7A	7A			C	MRS. BARBARA M. COOL	LOCKPORT LOCK 2	4057	HENRY	4	38 26	84 58	405	6A			C	CORPS OF ENGINEERS	
ANCHORAGE	0095	FLOYD	1	37 35	82 43	658	8A	8A			C	HAMMIE AUKER	LOGLOCK 1 S	4892	CLARK	1	37 51	84 02	773				C	HUBERT BURGHER	
AREX 2 NE	0185	HULENBERG	3	37 08	87 19	510	7A	7A			C	C. E. BARRETT	LONDON	4893	LAUREL	2	37 05	84 04	1195	MIO MIO			C	KNOXVILLE FERTILIZER CO	
ASHLAND DAM 29	0254	BOVO	7	38 27	82 36	551	6P	7A			C	SPENCER PROWSE	LONDON FAN AP	4898	LAUREL	2	37 05	84 05	1191	MIO MIO			C	FED. AVIATION AGENCY	
BARBOURVILLE	0381	KNOX	2	36 52	83 59	1000	6P	6P			C	CORPS OF ENGINEERS	LOUISA	4943	LAWRENCE	1	38 07	82 37	582				C	CHARLES F. BRAHMAN	
BARSTOWN S J PREP SCH	0397	NELSON	8	37 48	85 28	631	6P	6P			C	UNION COLLEGE	LOUISA 2	4946	LAWRENCE	1	38 07	82 36	585	8A			C	HAROLD C. FERGUSON	
BAXTER	0450	HARLAN	2	36 51	83 20	1164	7A	7A			C	H. ST. JOSEPH PREP. SCHOOL	LOUISVILLE	4949	JEFFERSON	7	38 14	85 46	462	6P			C	LOUISVILLE G. & E. CO.	
BEAVER OAK	0490	OHIO	3	37 25	86 52	441	6P	6P			C	C. & G. YOUNG	LOUISVILLE BOWMAN FLD	4951	JEFFERSON	7	38 13	85 40	558				C	CORPS OF ENGINEERS	
BENHAM	0595	HARLAN	2	36 58	82 57	1585	8A	8A			C	H. C. & WHITEAKER	LOUISVILLE UPPER GAGE	4955	JEFFERSON	7	38 17	85 48	403	6A			C	U.S. WEATHER BUREAU	
BENTON	0611	MARSHALL	9	36 51	88 20	395	5P	5P			C	JAMES H. MILLER	LOVELACEVILLE	4967	BALLAROW	6	38 58	88 50	370	5P	5P		C	BLAINE MALONE	
BENTON 2	0615	MARSHALL	9	36 51	88 20	395	5P	5P			C	RADIO STATION WCLB	LUCAS	5002	BARRON	3	36 53	86 02	738				C	WILLARD E. POSTER	
BEREA COLLEGE	0619	MADISON	4	37 34	84 18	1070	6P	6P			C	JAMES A. GROSSMAN	NAMMOTH CAVE PARK	5007	HOPKINS	3	37 19	87 29	439	5P	7A		C	HOMER WELBORN JR.	
BEREA WATER WORKS	0624	MADISON	4	37 33	84 15	1010	7A	7A			C	MRS. LAURA B. GABBARD	ONEIDA	5097	EDMONSON	3	37 11	86 05	600	5P	1P		C	NATIONAL PARK SERVICE	
BLAINE	0792	LAWRENCE	1	38 02	82 50	670	6P	6P			C	A. ENOCH WHEELER	HANCHESTER 4 SE	5111	CLAY	4	37 06	85 43	950	6P	7A		C	MORA S. WHITE	
BONNIEVILLE	0854	HART	3	37 23	85 54	684	5P	5P			C	CITY OF BONNIEVILLE	HARTFIELD	5250	GRAVES	4	36 44	88 39	544	6P	7A		C	MATFIELD ELEC. & MFG. CO.	
BOWLING GREEN	0904	WARREN	3	37 00	86 24	516	7A	7A			C	ELORIDGE SKAGGS	MAYSVILLE DAM 33	5243	MASON	7	38 38	83 42	513	7A			C	CORPS OF ENGINEERS	
BOWLING GREEN SUBSTA	0907	WARREN	3	37 01	86 26	470	5P	5P			C	CITY OF BONNIEVILLE	MC KEE	5291	JACKSON	2	37 28	84 00	1000	7A			C	GEORGE E. DOWAL	
BOWLING GREEN FAN AP	0909	WARREN	3	36 58	86 26	535	MIO MIO	7A			C	TVA-639	MC KINNEYSBURG	5407	MONTCOMERY	4	38 09	84 41	662				C	RICHARD T. STYORH	
BRENT OAK 36	0978	CAMPBELL	7	39 03	84 25	497	7A	7A			C	CORPS OF ENGINEERS	META	5370	PIKE	1	37 34	82 27	730				C	CHARLES MURRAY	
BROWNVILLE LOCK 6	1046	EDMONSON	3	37 12	86 16	110	7A	7A			C	EDMUND E. JOHNSON	MIDDLEBORO	5389	RELL	2	36 37	83 43	1130	5P	7A		C	MRS. LELA M. HERRELL	
BURDINE 2 NE	1120	PIKE	1	37 13	82 35	1443	8A	8A			C	MARVIN N. LEE	MIDDLEBORO SEWAGE PL	5394	BELL	2	36 38	83 43	1130				C	CITY OF MIDDLEBORO	
BURKESVILLE	1137	CUMBERLAND	2	36 47	85 22	600	7A	7A			C	CORPS OF ENGINEERS	MIDWAY	5407	WOODFORD	4	38 09	84 41	662				C	CITY OF MIDWAY	
CADIZ LOCK E	1206	TRIGG	2	36 48	87 58	384	7A	7A			C	CORPS OF ENGINEERS	MILLERSBURG	5430	BOURBON	5	38 18	84 09	789				C	DAVID C. BAILEY	
CALHOUN LOCK 2	1227	N. LEAN	3	37 32	87 16	402	7A	7A			C	CORPS OF ENGINEERS	MILLERTOWN	5438	GRAYSON	3	37 27	86 03	988	7A			C	DVA M. LAWLER	
CAMPBELLVILLE	1256	TAYLOR	3	37 25	86 30	600	7A	7A			C	H. ALVA M. KINLEY	MONTICELLO	5524	WAYNE	2	36 50	84 00	960	6P	7A		C	ALVIN L. BERTRAM	
CANEYVILLE	1294	GRAYSON	3	37 25	86 30	600	7A	7A			C	G. V. & CO. SR.	MOREHEAD STATE COLLEGE	5555	HOWAN	5	38 11	83 28	770				C	PROF. HENRY C. HAGAN	
CARROLLTON LOCK 1	1345	CARROLL	4	38 41	85 11	480	6P	6A			C	CORPS OF ENGINEERS	MOUNT STERLING	5640	MONTCOMERY	2	37 21	84 20	1137	5P	5P		C	FRED CANTILL	
CLAY CITY 1 WNW	1576	POWELL	4	37 52	85 56	712	7A	7A			C	CORPS OF ENGINEERS	MOUNT VERNON	5648	ROCKCASTLE	2	37 21	84 26	1137	5P	5P		C	CITY OF MT. VERNON	
CLERMONT 1 SSE	1611	BULLITT	8	37 55	85 40	540	5P	5P			C	BERNHEIN FOUNDATION	MURFORDVILLE 1 H	5684	HART	3	37 16	85 53	636	7A			C	EDWARD A. RICHARDSON	
CLINTON	1631	DICKMAN	7	38 41	89 06	390	6P	6P			C	WOODSON D. FRANKLIN	MURRAY	5694	CALLOWAY	9	36 36	88 20	622	6P	6P		C	H. MURRAY STATE COLLEGE	
COBS	1640	CADWELL	2	36 59	87 47	490	7A	7A			C	MRS. BERNIE B. WHITE	OLIVE HILL 2 WNW	6013	CARTER	7	38 19	85 12	895				C	CORPS OF ENGINEERS	
COLLEGE HILL LOCK 11	1704	ESTILL	4	37 47	84 06	611	7A	7A			C	CORPS OF ENGINEERS	ONEIDA	6020	HOPKINS	7	37 14	87 47	533	8A			C	MELVIE PARLEE HEISZ	
COVINGTON WB AIRPORT	1895	BOONE	1	37 48	82 32	718	7A	7A			C	U.S. WEATHER BUREAU	ONEIDA	6028	CLAY	4	37 16	83 39	750	7A			C	MRS. ANNA L. BROWN	
CUMBERLAND FALLS ST PK	1969	WHITLEY	2	36 50	84 19	1070	5P	5P			C	KY. DEPT. OF COMS.	OWENSDORO DAM 35	6033	CAMPBELL	7	38 58	84 18	512	7A			C	CORPS OF ENGINEERS	
CYNTHIANA	1998	HARRISON	5	34 23	84 18	684	7A	7A			C	H. MARSHALL MILL	OWENSDORO 2 W	6091	DAVIESS	7	37 46	87 09	420	6P	7A		C	JESSE FAIRCHILD	
CYNTHIANA 2	2003	HARRISON	5	36 23	84 17	719	8A	8A			C	KY. CAROLINA DAIRY	OWENSDORO DAM 48	6096	DAVIESS	7	37 47	87 07	404	6A			C	CORPS OF ENGINEERS	
DANVILLE	2040	BOYLE	1	37 39	84 46	691	7A	7A			C	R. P. COLOIRON	PAIDUCAN FAN AIRPORT	6110	MC CRACKEN	7	37 04	88 46	398	MIO MIO	5P		C	FED. AVIATION AGENCY	
DAVILLA	2053	NARTIN	1	37 48	82 32	718	7A	7A			C	MRS. EVA N. DAVIS	PAIDUCAN	6115	MC CRACKEN	7	37 06	88 37	340	5P	5P		C	WESTERN P. LACKY	
DELPHIA 1 E	2132	PERRY	4	37 02	87 07	1447	8A	8A			C	BALLARD F. WALKER JR.	PAIDUCAN SEWAGE PLANT	6117	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PAIDUCAN	
DENA	2139	KNOTT	1	37 25	82 48	850	7A	7A			C	HATTIE B. BARNEY	PAINTSVILLE	6136	JOHNSON	1	37 49	82 48	626	7A			C	JESSE FAIRCHILD	
DEWEY DAM	2180	FLOYD	1	37 45	82 47	653	7A	7A			C	CORPS OF ENGINEERS	PINEVILLE	6137	PIKE	1	37 29	82 31	686	5P	6P		C	U.S. WEATHER BUREAU	
DIX DAM	2214	MERCER	8	37 48	84 43	870	4P	7A			C	PHILLIP D. THACKER	PRINCETON	6575	CALDWELL	2	37 06	87 53	529	5P	5P		C	FOLLY PARTIN	
DUNDEE BARRETS FORD	2358	OHIO	3	37 33	86 43	440	7A	7A			C	JESSE L. HUFF	RAVENNA LOCK 12	6679	ESTILL	4	37 40	83 57	634	7A			C	CORPS OF ENGINEERS	
DUNMORE	2366	HULENBERG	3	37 05	87 00	592	7A	7A			C	LEMA BLAIR	RICHMOND	6805	MADISON	4	37 44	84 18	1122	8A	8A		C	THOMAS C. HERMON	
DYER	2391	BRECKENRIDGE	3	37 43	86 13	793	7A	7A			C	CORPS OF ENGINEERS	ROCHESTER LOCK 3	6862	OHIO	3	37 13	86 54	401	7A			C	CORPS OF ENGINEERS	
EDDYVILLE LOCK F	2445	LYON	2	37 05	88 05	420	7A	7A			C	JOHN E. MORAN	RUSSELLVILLE	7049	LOGAN	3	36 51	86 53	590	6P	7A		C	H. W. PORTER	
EDMONTON	2469	METCALFE	3	37 00	85 17	645	7A	7A			C	RADIO STATION WIEL	RUSSELLVILLE SUBSTA	7054	LOGAN	3	36 50	86 54	576	7A			C	TVA-683	
ELIZABETHTOWN	2510	HARFEN	3	37 41	85 52	739	6P	6P			C	EDMUND O. BENNETT	SADIEVILLE	7074	SCOTT	8	38 23	84 33	791				C	LAWRENCE ROGERS	
ELKHORN CITY	2524	PIKE	1	37 18	82 21	800	7A	7A			C	S. RICHARD ANDERSON	ST. JOHN BETHLEHEM ACAD	7096	HARRISON	4	37 42	85 59	777				C	INACTIVE 8/59	
ELKTON 2 S	2548	TODD	2	36 47	87 10	520	7A	7A			C	MRS. C. C. STAMPER	SALVISA LOCK 6	7121	WOODFORD	4	37 56	84 49	490	6A			C	CORPS OF ENGINEERS	
FALMOUTH	2775	PENDELTON	5	38 40	84 25	640	6P	7A			C	MRS. JEAN FLEMING	SALVISA LOCK 6	7121	WOODFORD	4	37 56	84 49	490	6A			C	STANLEY GARDNER	
FARMERS	2791	ROVAN	5	38 09	83 33	646	4P	7A			C	WILLIAM M. FISCHER	SALTYSVILLE 2 SE	7134	HAGGFFIN	5	37 44	83 03	920	7A			C	FORREST C. WILLIS	
FLEMINGSBURG	2903	FLEMING	5	38 25	83 43	870	7A	7A			C	CORPS OF ENGINEERS	SCOTTSVILLE	7215	ALLEN										

551.05

UNKE

U. S. DEPARTMENT OF COMMERCE

FREDERICK H. MUELLER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

MARCH 1960

Volume 55 No. 3



ASHEVILLE: 1960

KENTUCKY - MARCH 1960

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 88° on the 30th at Cynthiana 2

Lowest Temperature: -14° on the 5th at Benton 2 and on the 6th at
Bonnieville

Greatest Total Precipitation: 5.78 inches at Mammoth Cave Park

Least Total Precipitation: 1.06 inches at Grant Dam 38

Greatest One Day Precipitation: 2.30 inches on the 9th at Bowling Green
Substation

Greatest Reported Total Snowfall: 46.5 inches at Benham

Greatest Reported Depth of Snow on Ground: 22 inches on the 15+ at
Mount Sterling

SPECIAL WEATHER SUMMARY

Heavy snows and record late season cold temperatures limited outside work to a bare minimum during much of March, and as a result of heavy livestock feeding during the latter part of February and most of March, hay and roughage supplies were short or exhausted over much of the state by the end of the month. Heavy snow which choked traffic with amounts of 5 to 12 inches on the 2nd was followed by record cold temperatures on the 5th and 6th with the minus 1 at Louisville on the 6th being the only time that a below zero reading has ever been recorded in March at that location. On the 8th and 9th the heaviest March snowfalls of record closed many roads and isolated some towns in the Southern and Eastern sections, also closed schools and many business establishments for two or three days, caused several storm connected deaths and prompted the Governor to declare a state of emergency for the state. Snow depths ranged from 14 to over 20 inches in the Southern counties, 12 to 16 inches in the Central, and 4 to 8 inches in the North with considerable drifting in all areas. This snow-

fall was followed by continued bitter cold temperatures with below zero readings again in the Southeastern mountains and statewide average temperatures remaining 20° below seasonal normals through the 14th. Slow moderation in temperatures was featured from the 15th through the 26th, but still temperatures remained far below seasonal normals and diminishing snow cover remained over a large portion of the state until much warmer temperatures on the 27th and 28th provided the first period since February 12th without appreciable snow cover over much of the state. The warm temperatures on the 28th were only a few degrees below record high readings in the north Central area and these were followed by spring-time showers which moved across the state on the 29th and 30th bringing nearly normal temperatures to the state on the 31st.

O. K. Anderson,
State Climatologist
U. S. Weather Bureau
Louisville, Kentucky

CLIMATOLOGICAL DATA

KENTUCKY
MARCH 1960

Station		Temperature										Precipitation													
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days			
											Max.								Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More	
											32° or Above	32° or Below	32° or Below	0° or Below											
WESTERN																									
BEAVER DAM		43.2	22.5	32.9		81	28	-10	6	990	0	8	25	2	2.60		.88	9				7	2	0	
BENTON 2		42.9M	21.8M	32.4M		80	29	-14	5	1028	0	6	26	2	3.57		1.61	16	14.8	15	11	5	3	1	
FORDS FERRY DAM 50		41.8	24.4	33.1		81	29	0	5	983	0	9	23	1	2.25	- 3.01	.76	9	17.3	12	9	5	2	0	
GOLDEN POND 8 N		44.5	23.3	33.9		82	28	- 8	5	956	0	4	25	1	3.34		.65	9				8	2	0	
GREENVILLE 2 W		42.1	23.8	33.0	-14.5	78	28	7	14+	988	0	7	26	0	3.43	- 1.88	.74	30		18	11	8	3	0	
HENDERSON 7 SSW		41.5	22.8	32.2	-14.6	80	29	- 4	6	1015	0	8	27	2	2.50	- 3.05	1.01	30	21.5	11	11+	6	2	1	
HICKMAN 1 E		45.4	23.6	34.5		78	30+	- 2	6	940	0	2	26	0	4.52		.96	30	23.0			8	4	0	
HOPKINSVILLE		43.0	21.8	32.4	-15.5	80	30	- 3	5	1002	0	6	27	2	3.28	- 2.10	.99	30	25.7	15	9	7	3	0	
LOVELACEVILLE		44.4	24.2	34.3	-14.4	80	29	- 8	5	945	0	5	26	2	2.82	- 2.71	.88	9	21.0			6	3	0	
MAOISONVILLE 1 SE		42.3	23.1	32.7		78	29+	- 5	6	991	0	8	25	2	2.70		.62	30	20.5	12	10	8	2	0	
MAYFIELD		44.4	25.4	34.9		79	28	- 1	5	925	0	6	24	1	3.70		1.07	9	24.0			6	3	1	
MURRAY		43.9	24.2	34.1	-15.1	78	28	- 3	5	951	0	5	26	1	2.93	- 2.81	.87	9	19.2	11	9	7	3	0	
OWENSBORO 2 W		42.0	21.6	31.8	-14.7	79	29+	- 7	6	1025	0	7	26	2	3.11	- 2.21	1.00	9	20.5	13	9	6	2	1	
PAUCAH FAA AIRPORT		42.2	23.7	33.0		79	29	- 2	6+	991	0	9	26	2	1.64		.58	2	24.0	12	9	5	1	0	
PAUCAH		44.6	25.3	35.0		80	29+	- 2	5	928	0	6	25	0	2.49	- 2.79	.80	9	18.3	8	9	5	3	0	
PRINCETON		44.9	22.8	33.9	-14.1	80	28	- 8	6	957	0	4	26	2			.70	9+	19.8	7	11+	5	0		
RUSSELLVILLE		45.1	24.6	34.9	-12.0	80	29	0	5	931	0	4	25	1	4.13	- 1.11	1.22	9	27.5			8	3	1	
DIVISION				33.5	-14.2										3.06	- 2.33			21.2						
CENTRAL																									
ADDISON OAM 45		42.8M	22.8M	32.8M		85	28	- 2	6	992	0	8	26	1	2.92	- 2.29	.64	9				7	3	0	
ANCHORAGE		40.9	20.8	30.9	-13.4	78	28	1	8	1051	0	9	27	0	2.31	- 2.56	.65	9	16.8	7	9	7	1	0	
BARDSTOWN 5 J PREP SCH		42.0	21.2	31.6		78	28	- 8	6	1030	0	10	25	4	2.34		.60	30	15.9			7	1	0	
BONNIEVILLE		41.0M	19.0M	30.0M		78	28	-14	6	1076	0	8	25	4	3.55		1.40	9	27.2			7	2	1	
BOWLING GREEN FAA AP		42.4	22.8	32.6	-15.9	78	28	- 6	5	999	0	6	26	2	5.05	- .58	2.13	9	32.0	12	9	9	3	1	
CAMPBELLVILLE		42.9	23.1	33.0		75	28	- 3	6	986	0	7	25	2	3.70		1.35	9	26.0	15	9	6	2	1	
CECILIA		44.0	21.8	32.9		79	28	- 7	6	987	0	9	26	3	2.58		.68	9	17.1			6	3	0	
CLERMONT 1 SSE		41.7	22.5	32.1		77	29+	-13	6	1013	0	8	24	2	3.45		.73	16	18.7	18	13+	9	4	0	
ELIZABETHTOWN		41.7	23.4	32.6		77	28	- 2	5	996	0	9	25	2	3.11		.92	9	30.0	16	9	6	3	0	
GLASGOW WKAY																									
GREENSBURG		43.5	19.7	31.6	-15.2	78	29	- 4	5	1028	0	4	27	2	3.74	- 1.84	1.15	9	23.5	15	9	9	3	1	
IRVINGTON		41.8	22.0	31.9	-14.6	80	28	- 9	6	1022	0	8	25	2	2.85	- 2.17	.83	9	19.4	11	9	6	2	0	
LEITCHFIELD		41.8	23.5	32.7	-14.3	79	28	- 3	5	999	0	8	25	2	3.57	- 1.82	.97	30	25.0	16	9	8	3	0	
LOUISVILLE		42.0	23.5	32.8		80	28	1	5	997	0	10	27	0	2.26		.70	9	16.4	9	9	6	1	0	
LOUISVILLE WB AP		41.5	23.5	32.5	-13.1	85	28	- 1	6	1002	0	10	26	1	2.42	- 2.25	.66	9	22.9	8	10	5	3	0	
MAMMOTH CAVE PARK		43.4	22.6	33.0		79	28	- 6	5	988	0	3	24	2	5.78		1.60	9	23.5	13	11	10	5	1	
SCOTTSDALE		43.5	24.5	34.0		79	28	0	5	952	0	5	25	1			1.13	9	23.5	10	9				
SUMMER SHADE		42.9	22.5	32.7		78	28	- 6	5	992	0	8	26	2	4.35		1.45	9	25.5	13	11+	8	2	1	
WOLF CREEK DAM		43.3	20.8	32.1		76	28	1	6+	1016	0	6	26	0	4.27		.89	9		12	10	8	4	0	
DIVISION				32.3	-14.3										3.43	- 1.90			22.7						
BLUE GRASS																									
BEREA COLLEGE		41.3	21.0	31.2	-15.8	77	28	- 2	6	1044	0	10	26	3	2.88	- 2.08	.84	3		14	13+			0	
CARROLLTON LOCK 1		42.1	21.4	31.8		77	29	- 3	6	1024	0	8	26	1	1.20	- 3.36	.27	30		8	10	5	0	0	
COVINGTON WB AIRPORT		38.5	20.8	29.7	-12.0	76	29+	- 2	6	1090	0	11	27	0	1.14	- 2.90	.25	16	12.8	5	10	6	0	0	
CYNTHIANA 2		40.7	16.0	28.4		88	30	- 8	6	1128	0	11	27	4	2.51		.68	3	22.6			9	2	0	
DANVILLE		39.7	18.6	29.2		74	29	- 1	6	1104	0	11	27	2	2.82	- 2.05	.88	3	20.7	10	12+	7	2	0	
DIX OAM		41.7	21.6	31.7		74	28	- 2	5	1027	0	9	27	2	1.91		.46	2				6	0	0	
FALMOUTH		42.2	20.1	31.2		80	28	- 3	5	1042	0	10	27	1	1.60	- 3.31	.48	3	8.0	4	10	5	0	0	
FLEMINGSBURG 2		40.8M	21.1M	31.0M		78	29+	- 1	8	1043	0	10	27	1	2.82		.52	16	15.8			9	2	0	
FRANKFORT LOCK 4		40.1	17.5	28.8	-16.6	78	29	- 3	7+	1113	0	12	28	2	1.78	- 3.05	.45	3	15.2	9	10	7	0	0	
LEXINGTON WB AIRPORT		38.6	20.7	29.7	-14.6	75	29+	- 2	6+	1089	0	12	26	2	1.49	- 2.97	.30	9	17.7	12	12+	6	0	0	
MAYSVILLE DAM 33		39.9	17.0	28.5	-15.6	77	30+	- 1	6+	1122	0	11	27	0	1.25	- 3.56	.35	16		5	10	7	0	0	
MOUNT STERLING		41.6	21.3	31.5		76	30+	- 1	5	1033	0	9	27	2	4.16	- .91	1.00	9		22	15+	10	3	1	
RICHMOND		39.6	19.4	29.5		76	30	- 3	6	1095	0	11	27	2	2.67		.70	3	22.0	12	12+	9	1	0	
SHELBYVILLE		38.5	18.4	28.5	-16.4	76	30+	- 5	5	1125	0	12	27	2	1.36	- 4.23	.42	3	17.0	8	10	4	0	0	
WARSAW MARKLAND DAM		41.0	21.1	31.1		78	29+	1	6	1044	0	8	27	0	1.08		.25	10		7	10	5	0	0	
WILLIAMSTOWN 5 WSW		39.0	16.6	27.8	-16.5	76	30+	- 2	6+	1146	0	10	28	2	1.54	- 3.48	.44	10	15.6	7	10	5	0	0	
DIVISION				30.0	-15.4										2.01	- 2.96			16.7						
EASTERN																									
ASHLAND OAM 29		43.6	24.9	34.3	-11.7	78	29+	- 8	8+	949	0	8	25	0	1.56	- 2.82	.39	31	11.5	5	10	6	0	0	
BARBOURVILLE		46.0	21.5	33.8		77	28+	- 5	6	961	0	4	26	3											
BAXTER		43.7	19.3	31.5		73	29+	- 1	7+	1031	0	4	28	2	4.15		1.25	3				11	2	1	
BENHAM		43.6	18.9	31.3		75	29	- 3	7+	1040	0	5	27	4	4.87		1.16	3	46.5	10	10	12	2	2	
BLAINE		43.6	19.9	31.8		78	29+	- 7	6	1023	0	7	26	2	2.92		.60	9	20.5	8	12+	10	1	0	
DEWEY DAM		44.9	18.9	31.9		79	30	- 1	7+	1019	0	4	28	2	2.68		.75	3	18.0	7	11+	8	2	0	
FARMERS		43.0M	19.7M	31.4M		78	29+	- 9	6	1035	0	8	26	3	2.31	- 2.61	.56	3	17.8	8	12	6	1	0	
GRAYSON 1 SE		41.2M	17.8M	29.5M	-14.1	78	29	- 2	6	1093	0	11	27	4	2.27		.79	10	15.8	7	10	8	1	0	
HEIDELBERG LOCK 14		44.8	20.9	32.9		77																			

CLIMATOLOGICAL DATA

KENTUCKY
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CONTINUED

Station		Temperature											Precipitation											
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
											Max.		Min.	Total					Max. Depth on Ground	Date	10 or More	50 or More	100 or More	
											90° or Above	32° or Below	32° or Below 68° or Below								50 or More	50 or More	100 or More	
MOUNT VERNON PIKEVILLE		42.6 46.9	21.7 25.7	32.2 36.3		75 79	28+ 27	- 8 0	8 8	1011 883	0 0	6 4	25 24	4 1	4.57 2.66	- 2.01	1.24 .57	9	13.2	13	9	11	3	1
SOMERSET 1 N VANCEBURG DAM 32		42.0 41.5	21.9 21.1	32.0 31.3		73 78	28 29+	- 4 - 1	13+ 1	1019 1039	0 0	7 9	25 27	4 1	3.84 2.78	- 1.96	1.20 1.22	9		13	7	9	9	2
WEST LIBERTY	AM	42.4	15.8	29.1		80	30	- 8	6	1070	0	8	27	7	3.16		.70	3	19.4	12	12	8	2	0
WILLIAMSBURG 2	AM	46.5	19.4	23.0	-15.6	78	29	- 2	13	986	0	3	27	3	4.29	- .68	1.06	3				10	3	1
DIVISION				32.3	-14.6										3.43	- 1.48			21.4					

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00 a CST	6:00 a CST	12:00 p CST	6:00 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
COVINGTON WB AIRPORT	WSW	11	9.9	46	SW	30	68	74	58	60	9	8	6	0	0	0	23	-	7.2
LEXINGTON WB AIRPORT	SW	11	8.4	-	-	-	77	85	65	68	8	4	6	0	0	0	18	-	6.2
LOUISVILLE WB AIRPORT	NW	13	10.0	39	SW	30	69	78	56	61	8	5	2	3	0	0	18	55	6.0

See Reference Notes Following Station Index

DAILY PRECIPITATION

KENTUCKY
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Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AADDISON DAM 45	2.92	.14	.53	.05	T			.01	.02	.64	.22	.06					.12	.05	.05	.07	.07	.02									.62	.25	
ALBANY 4 N	4.76	.14	.92	.01				.82	.10	.37	.14						.57	T	T		.11	.06	.01								.39	.14	
ALLEN	3.19	.47	.85	.18				.04	.65	.32	.05	T					.18	T		.20	T	T									.13	.34	
ANCHORAGE	2.31	.20	.44					.58	.04	.25	.06						.27		.02	.03	.04											.66	.25
APIX 2 NE	2.84																																
ASHLAND DAM 29	1.56		.23	.02	.01			.07	.30	.82	.22	T	.03				.22	.04		.02	.22	.12	.01	T							.02	.39	
BARBOURVILLE	-							.02	.38		.04	.01					.49			.02	.20	.08									.20	.30	
BARDSTOWN 5 J PREP SCH	2.34	.38	.18					.05	.65	.40	.05	.20					.30			.12	.02										.10	.60	
BAXTER	4.15	T	1.25	.12	.03			T	.05	.65	.40	.05	.20				.26			.05	.03	.02									.57	.20	
BEAVER DAM	2.60	.29	.15					.88		.15																							
BENHAM	4.87	T	.11	1.16	.27	.06		T	.12	.45	.36	T	.18	.06			1.08			.16	.08	.16	.03	T	T			.02		.03	.43		
BENTON 2	D3.57	0.63						0.05	.07	.56	0.75			D.05			1.61			.37											.38	.10	
BEREA COLLEGE	2.88	.8	.84					.04	.07	.28	T	.22					.41			.07	.02										.11	.40	
BEREA WATER WORKS	3.45	.11	.92	.05				.07	.02	.60	.28	T	.22				.44			.11	.10										.11	.30	
BLAINE	02.92	0.15	0.40					D.10	D.60	.09	.38									.05	0.10	0.15									.06	.30	
BONNIEVILLE	D3.55	D.54	0.48	T				.05	D1.40	.60	.25						.44	T		.15	.09										.15	.72	
BOWLING GREEN	4.57	.17	.37					.05	1.50	.60	.25						.11	.28		.12	.09	.11									.66	.25	
BOWLING GREEN SUBSTA	4.97	.8	.55					T	2.30	.8	.45						.47	.05		.04	.09	.20									.43	.61	
BOWLING GREEN FAA AP	5.05	.51	.04					.05	.26	2.13	.20	.27	T				.10			.08	.04	.01										.08	.15
BRENT DAM 36	1.12		.12	T	T			T	T	.15	.18	.04					.18	.11	T	T	.11	T											
BROWNSVILLE LOCK 6	4.30	.23	.57	T	T			T	T	1.67	.10	.24	.10				T	.04		.15	.12	.10										.72	.26
BUROINE 2 NE	-	1001.20	T					T	T	0.40	D.60	T	.20				T			.04	T	.12	T									.77	.14
BURKESVILLE	4.21	.21	.87	T	T			T	1.29	.18	.40	.13					.35	.02		.08												.68	.33
CADIZ LOCK E	4.13	.25	.50					.08	1.10	.60	.24						.11	T		.02	.06	T											
CALHOUN LOCK 2	2.20	.10	.42	T	T			.03	T	.33	.03	.06	.03																				
CAMPBELLVILLE	3.70	.47	.38	T	T			T	1.35	T	.20	.01					.36	T	T	.09	.03	.03	T								.04	.66	
CANEYVILLE	3.19	.19	.15	.01	T			T	T	.97	.13	.08	.07				.27	.01	T	.07	.08	.02									.50	.26	
CARROLLTON LOCK 1	1.20	T	.25	.02	T			.02	.02	.05	.20		.11				.16	T		.05	T										.27	.05	
CECILIA	RECORD MISSING	.45	T	T				.05	.29	.09	.21						.42			.15	.03										.05	.21	
CLAY CITY 1 NW	2.03																																
CLERMONT 1 SSE	2.58	.20	.51					.01	.68	.05	.05	.04					.28			.02	.01										.53	.20	
COBB	3.55	.18	.48						1.21	.35							.30			.08											.03	.41	
COLLEGE HILL LOCK 11	2.25	.45	.02	T				.03	.02	T	.24	.20	.24	T			.42	T		.12	.01										.11	.08	
COVINGTON WB AIRPORT	1.14	.14	.15	T	T			.04	.13		.05	.04					.25	.01	.01	.02	.10		.01	T	T	T							
CUMBERLAND FALLS ST PK	-	.10	1.10	.04	.05	T		.02									.58																
CYNTHIANA	1.97	.51	.01	T				.06	.01	.07	.44	.19					.31	T	T		.15	.07									.15	T	
CYNTHIANA 2	D2.51	D.03	D.68					D.10	D.20	0.50	D.30						.37	.10		.02	D.20	D.20									.20		
DANVILLE	2.82	.03	.88	.01	.01			.03	T	.58	.29	.17					.36	T		.02	.11	.02									.31		
DELPHIA 1 F	-																														.14	.09	
DEWEY DAM	2.68	.75	.05	T				.05	.15	.34	.26	T					.57			.15	.10										.14	.26	
DIX DAM	1.91	.01	.46	T				.06	.35	.20	.10						.37	T		T	.09										.22	.05	
DUNDEE BARRETT'S FORD BR	3.63	.30	.70					T	1.00	.07	.12	.06					.28	.05		.08	.05	.04									.60	.28	
DUNNOR	3.39	.28	.55					.02	.01	.50	.40	.22	T				.52			.02	.06	.01									.06	.28	
EDDYVILLE LOCK F	3.16	.32	.79					.05	1.10	D.60	.25	.10	.15				.40			.02	.12	.10									.8	.60	
EDMONTON	3.84	.15	.10	.55	.12			.15	.59		T						.73	.18		.15	T												
ELIZABETHTOWN	3.45	.68	.17	T				.15	.20	.48	1.40	T					.22			T	.18										.20	.30	
ELKHORN CITY	3.95	.65	.32					.01	T	1.43	.09	.41	.05				.33	.06		.08	.09										.48	.13	
ELKTON 2 S	3.76	.18	.40	.02	T			T	T	.34	.05	.15					.27	.12	T	.05	.03	T									.05	.06	
FALMOUTH	1.60	T	.48	T	T			.03	.02	.06	.25	.01	.26	T			.46	.02	T	T	.09	.05	T								.03	.24	
FARMERS	2.31	.56	.05	T	T																												
FLEMINGSBURG	RECORD MISSING																																
FLEMINGSBURG 2	D2.87	.25	.26	.06				.07	.39	0.50	.15	.14					.52	T		.14	.06										.05	.09	
FORD LOCK 10	2.32	.70	.03	T				T	T	.30	.38	.12					.37	T	T	.11	T										.23	.08	
FORDS FERRY DAM 50	2.25	.05	.32	T				.03	T	.76	T	.03	T				.10	T		T	.04	T									.67	.25	
FRANKFORT LOCK 4	1.78	.45	.03	T				.03	T	.23	.20	.13					.23	.02			.12	.01									.29	.04	

DAILY PRECIPITATION

KENTUCKY
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CONTINUED

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ONEIDA	3.54			.97	.11	.05	T	.02	T	.57	.27	T	.23				.51		.11	T		.14	T	.03	T	T				.14	.45	.08	
ONEONTA DAM 35	1.17			.34				T	.02		.26		.07				.17															.17	
OWENSBORO 2 W	3.11		.44	.44						1.00		.03	.02				.15	T		.08											.70	.25	
OWENSBORO DAM 46	2.63		.22	.42	T			T	T	.36	.22	.06	.10				.15	.03		.04	.10	.01									.63	.29	
PADUCAH FAA AIRPORT	1.64		.58	T	T		T	.03	.39	.14	.16	.06			T	.18	.01	T	T													.09	
PADUCAH	2.49		.68	T				.01		.80	T	.27					.14			T												.59	
PAINTSVILLE	2.04		.50	T	T			T	.08	.02	.18	T	.37				.50			.04	.15	T									T	.20	
PIKEVILLE	2.66		.32	.42	.05	T		T	.08	.57	.02	T	.31				.48			.02	.03	.02	T							.01	.25	.08	
PINEVILLE	5.12	T	.02	1.04	.10	.03	T	.01	.04	1.07	.27	.05	.27	T			.51	T		.24	.14	T								.12	.59	.22	
PRINCETON	-		.06	.70				.05		.70		.10					-				.07										.40	.03	
RAVENNA LOCK 12	1.83		.56	T	T			T	.07	.04	.14	T	.19				.34			.09										.06	.45	.45	
RICHMOND	2.67		.70	.10	T			T	.04	.27	.25	T	.19				.37		T	.14	.02										.40	.12	
ROCHESTER LOCK 3	2.81		.34	.16	.04			T	T	.50	.10	.20	.07				.31	.04	T	.06	.10	.01									.63	.25	
RUSSELLVILLE	4.13		.18	.77	.02					1.22	.11	.44	.08				.32			.08	.08	.06									.62	.15	
RUSSELLVILLE SUBSTA	3.62		.20	.70				.02		1.51	T	.39	T				T			.10											.70		
SALVISA LOCK 6	2.57		.02	.71	T			.05	T	.45	.33	.11					.29	T	T	T	.20	.02									.30	.09	
SALYERSVILLE 2 SE	2.57		.79	.02				.08		.09	.36	.25					.49				.12	.08								.04	.19	.06	
SCOTTSVILLE	-		.43	.01				.09		1.13		.45					-			.22	.15	.02									.60	.13	
SCOTTSVILLE 2 SW	4.25		.27	.73	T	T		T	.05	1.20	T	.45	.15				.03			.05	.08	.05									.72	.10	
SEBREE	-		D.93						.087								D.03			-											-	-	
SHAWNEE STEAM PLANT	3.16		.25	.61	.05			.07		.81		.25	.02				.15	T		T	T										.86	.09	
SHELBYVILLE	1.36		T	.42	T					.19	T	.05					.08	.03		.14	T										.37	.08	
SHEPHERDSVILLE	-		.42					-			.47	.02					.24			.02	.13	.01									.52	.15	
SOMERSET 1 N	3.84		.66	.19	.02	T		T	T	1.20	.20	.01					.48			.10	.06	.06								.29	.40	.17	
SPRINGFIELD	3.01		.12	.63	T			T		.60	.55	.07					.25			.09	T										.55	.15	
STEARNS	4.90		.15	.85	T				.05	1.10	.22	.20	.43				.63			.33	.07										.75	.12	
SUMMER SHADE	4.35		.84	.27	.02			T		1.45	.33						.46			.07	.07	.07								.13	.48	.16	
SUMMER SHADE SUBSTA	3.83		.28	.85	T	T		T		.80	.20	.21	.09				.47			.03	.08	.08									.57	.17	
TAYLORSVILLE	2.39		T	.56	T			T		.46	.30		.07				.25			T	.20	T									.47	.08	
TURKEY CREEK SCHOOL	3.95		.25	.54				.08		1.45	.48						.27	.03		.11							.03				.61	.10	
TYRONE LOCK 5	2.23		.57	.02				.04	T	.32	.34	.11					.28	T		.05	.17	T									.90	.32	
UNIONTOWN DAM 49	2.46		.13	.28	T			.02	T	.35	.12	.08	.05				.10	T		.05	T	T									.41	.15	
VALLEY VIEW LOCK 9	1.90	T	.46	.04	T			.04	T	.25	.20	T	.19				.28	T	T	T	.13	.01								.04	.23	.03	
VANBUREN	2.34		.04	.46	.02			.04		.44	.16		.06				.26	.02		.02	.17	.02									.53	.10	
VANCEBURG DAM 32	2.78		T	.43	.01	T			.04	1.22	.10	.06					.25	.21	T	.11	.12	.11										.12	
WARSAW MAPKLAND DAM	1.08		.24	.11				T	T	.06	.25	T	.07				.21	T		T	T										.14	T	
WAYNESBURG 7 NE	3.51		.21	.94	T	T		.02	T	.73	.33	.19					.36			.13	.02										T	.46	.12
WEST LIBERTY	3.16		.70	.03				.03		.13	.35	.29					.48			.10	.04	T									.03	.56	.42
WILLIAMSBURG 2	4.29		.09	1.06	.05	.03		.03	.01	.45	.20	.12	.20				.57			.10	.05										.17	.41	.15
WILLIAMSTOWN 5 WSW	1.54		.39	.07	T			.09	T	.06	.44	.21					T	T	T	.10	T										T	.13	.05
WILLOW LOCK 13	3.17		.93	.10				.03		.45	.24	.20					.45			.12	.03										.03	.51	.08
WOLF CREEK DAM	4.27		.07	.82	.02	T				.89	.25	.31	.23				.50			.09	.08										.03	.87	.11
WOODBURY LOCK 4	3.80		.17	.50	.02	T		.03	T	1.34	.10	.16	.12				.35	.02	T	.12	.11	.03									.68	.25	

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in "F", precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The station index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.B.T. In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
- Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., EST of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

DAILY TEMPERATURES

KENTUCKY
MARCH 1960

Station	Day Of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
A00ISON OAM 45	MAX MIN	37 12	35 31	30 20	28 5	22 2	30 -2	32 15	32 8	30 22	38 24	32 23	36 17	38 10	44 10	43 30	42 30	38 22	40 28	36 28	36 24	38 22	40 18	48 24	48 24	49 19	76 34	85 41	82 48	64 43	54 41	42.8 22.8	
ANCHORAGE	MAX MIN	29 6	27 17	28 20	24 7	26 4	28 6	30 14	31 14	28 21	39 22	33 22	33 10	35 2	40 8	43 27	42 32	37 29	40 19	35 23	39 21	39 20	42 28	48 14	46 25	37 13	49 29	75 26	78 41	64 53	46 45	40.9 20.8	
ASHLAND OAM 29	MAX MIN	31 11	31 21	33 24	27 17	27 9	30 8	28 19	31 8	30 20	33 26	40 20	37 20	35 10	40 14	42 25	46 32	46 36	40 23	41 26	41 27	35 27	39 33	46 22	48 30	38 19	56 32	74 27	78 36	78 47	75 58	75 44	43.6 24.9
BARBOURVILLE	MAX MIN	35 10	34 20	34 20	29 12	24 4	29 -5	32 14	35 2	34 25	38 25	37 25	34 22	40 -4	45 -2	49 30	49 35	48 19	44 20	42 29	40 24	46 26	53 16	54 25	54 16	60 31	77 23	77 32	75 45	74 54	64 41	46.0 21.5	
BAROSTOWN 5 J PREP SCH	MAX MIN	30 8	29 20	29 21	26 8	28 -3	30 -8	29 14	31 -3	31 22	36 22	33 25	32 15	33 -1	39 4	41 27	44 32	40 29	39 24	38 23	40 20	44 28	47 16	50 28	43 15	54 33	74 27	78 44	77 58	67 50	50 41	42.0 21.2	
BAXTER	MAX MIN	37 15	38 15	37 26	34 15	27 7	28 -1	33 1	32 7	36 8	33 27	35 25	38 23	32 1	38 2	44 5	47 31	47 34	50 21	40 19	36 20	37 24	45 25	50 19	54 18	45 28	60 19	73 28	73 31	69 46	71 43	43.7 19.3	
BEAVER DAM	MAX MIN	32 11	30 21	29 21	28 10	25 -5	28 -10	31 15	32 6	38 25	39 24	34 26	35 15	40 5	40 5	41 30	42 34	39 28	41 20	39 27	40 24	43 30	53 18	52 28	43 18	51 37	77 43	81 50	80 50	65 47	51 42	43.2 22.5	
BENHAM	MAX MIN	36 13	36 15	40 20	34 12	32 5	31 -3	30 3	36 10	34 14	35 25	40 23	36 22	32 -2	39 0	44 10	46 28	48 48	35 20	34 22	40 21	37 23	43 19	49 23	53 17	47 21	56 20	72 23	75 36	69 54	70 41	43.6 18.9	
BENTON 2	MAX MIN	32 16	31 22	29 22	28 2	30 -14	33 -3	33 21	32 11	39 28	35 31	38 28	34 18	41 11	37 8	38 30	40 35	37 27	39 15	44 28	43 26	41 24	54 28	54 29	48 19	79 53	80 53	68 53	58 44	42.9 21.8			
BEREA COLLEGE	MAX MIN	28 8	27 16	34 20	24 15	25 7	27 -1	30 10	28 0	34 20	31 21	36 24	35 15	31 -1	35 2	45 27	49 33	46 29	40 19	31 19	37 25	36 18	39 28	44 14	48 32	54 27	77 48	76 57	68 46	48 40	41.3 21.0		
BLAINE	MAX MIN	32 8	29 15	26 24	24 14	28 7	34 -7	32 2	35 14	32 24	36 25	33 13	36 21	38 -2	41 2	45 23	50 35	45 38	41 20	40 22	37 25	41 30	43 11	44 31	43 12	55 31	75 28	78 40	76 50	61 42	43.6 19.9		
BONNIEVILLE	MAX MIN	30 10	29 22	28 20	24 12	24 -7	29 -14	31 12	32 22	36 22	36 24	37 25	33 22	35 -4	40 -3	42 29	45 34	39 27	38 13	37 24	38 24	43 28	49 16	50 29	44 18	54 35	74 39	78 52	76 52	41.0 19.0			
BOWLING GREEN FAA AP	MAX MIN	33 13	30 22	28 17	22 0	27 -6	31 1	34 18	31 13	36 27	38 26	37 27	33 14	38 10	36 5	39 31	41 35	45 27	38 17	39 28	38 26	44 26	51 21	54 25	44 20	55 30	73 43	78 53	77 43	64 43	53 43	42.4 22.8	
CAMPBELLVILLE	MAX MIN	32 10	31 19	30 23	24 11	31 -2	32 -3	32 16	36 25	35 24	38 25	36 18	34 25	36 4	46 6	46 29	41 35	38 29	41 18	37 26	39 26	38 19	45 28	48 18	50 30	44 18	55 34	75 42	74 59	64 51	54 42	42.9 23.1	
CARROLLTON LOCK 1	MAX MIN	38 7	36 7	28 21	27 12	28 3	28 -3	29 15	31 2	30 21	34 21	35 21	32 12	37 4	39 11	40 25	43 33	40 30	41 22	40 22	41 25	40 22	44 30	46 29	46 14	47 31	72 25	75 35	77 56	70 51	53 42	42.1 21.4	
CECILIA	MAX MIN	31 7	31 19	31 18	28 12	26 -3	30 -7	32 15	32 0	30 23	38 23	37 25	35 17	42 2	42 7	43 29	44 33	39 30	41 18	39 25	40 24	40 23	44 29	49 15	51 28	52 14	55 32	74 46	79 53	75 53	76 41	57 21.8	
CLERMONT 1 SSE	MAX MIN	29 5	30 20	25 18	19 6	24 3	29 13	25 7	31 20	26 13	32 19	34 19	27 12	35 5	37 14	38 22	40 30	35 26	35 22	39 22	38 22	35 23	41 17	40 20	36 15	44 28	71 29	76 47	67 57	44 44	38.5 20.8		
COVINGTON WB AIRPORT	MAX MIN	32 3	30 9	20 21	26 9	22 3	25 -8	27 -5	29 5	27 5	29 20	36 22	37 12	39 -7	40 -5	39 7	42 26	42 30	36 18	39 20	34 17	40 20	38 22	42 15	46 14	62 20	72 34	79 42	79 41	88 41	83 41	40.7 16.0	
CYNTHIANA 2	MAX MIN	31 8	29 10	27 20	26 16	23 1	25 -1	27 2	29 2	29 2	33 21	35 22	32 17	31 5	33 7	37 10	43 27	43 34	39 19	38 20	38 25	40 21	36 16	47 20	48 16	39 29	54 37	73 49	74 51	73 43	66 39	39.7 18.6	
OANVILLE	MAX MIN	35 11	35 12	35 24	35 18	26 12	28 -1	32 -1	30 11	35 12	35 21	43 19	45 19	35 3	38 3	44 8	51 28	51 32	49 20	43 24	39 25	39 20	43 20	50 20	52 16	42 14	59 30	75 10	78 30	79 44	76 45	44.9 18.9	
OEWEY OAM	MAX MIN	30 8	28 18	27 24	25 9	22 -2	27 0	27 15	31 3	27 21	34 22	35 24	33 17	34 4	35 8	33 26	40 32	42 30	39 20	38 24	38 25	40 20	45 20	50 20	48 16	54 32	74 40	73 55	70 52	65 40	41.7 21.6		
ELIZABETHTOWN	MAX MIN	30 9	30 22	28 24	26 11	24 -10	28 -13	30 18	30 24	33 24	35 22	34 25	33 20	35 6	40 1	42 27	43 34	39 28	40 27	37 22	38 21	44 34	48 17	51 28	42 23	53 37	74 36	77 56	77 66	66 48	49 22.5		
FALMOUTH	MAX MIN	31 6	30 19	29 22	27 12	30 -3	31 14	30 2	32 20	28 20	36 23	38 20	32 13	38 3	40 10	42 22	43 32	40 30	41 21	38 21	41 22	39 21	40 28	45 10	46 22	37 13	50 29	72 80	78 44	71 52	54 42	42.2 20.1	
FARMERS	MAX MIN	31 6	30 14	29 23	26 12	24 4	28 -9	30 7	34 -5	31 20	37 24	38 19	33 16	35 -3	41 3	44 25	47 33	46 33	40 18	38 21	39 25	37 22	40 29	46 15	47 13	55 30	78 32	78 44	74 55	62 42	43.0 19.7		
FLEMINGSBURG 2	MAX MIN	26 6	27 6	28 16	28 20	30 16	30 20	28 18	32 10	37 17	32 22	37 11	31 11	35 8	41 6	42 8	38 32	39 17	35 21	40 19	37 20	40 22	44 35	43 23	34 12	50 28	78 42	78 51	71 53	53 40	40.8 21.1		
FOROS FERRY DAM 50	MAX MIN	29 14	28 21	29 21	26 15	24 0	27 0	29 12	30 12	34 25	33 27	35 27	32 17	34 16	40 15	40 29	37 35	39 26	37 22	41 25	41 23	41 20	53 22	49 23	45 20	51 33	76 20	79 34	81 45	67 44	53 24.4		
FRANKFORT LOCK 4	MAX MIN	31 9	30 9	28 22	28 12	22 1	26 -3	30 -3	30 1	28 1	38 22	38 23	32 17	32 2	36 2	40 9	42 27	46 31	40 20	35 20	40 26	40 22	46 22	37 17	51 16	71 27	78 37	75 54	65 43	40.1 17.5			
GLASGOW WKAY	MAX MIN	32 12	29 21	30 22	21 14	26 -2	30 0	31 17	31 12	35 26	34 25	35 20	32 7	33 6	43 30	48 36	38 29	37 15	38 21	37 26	37 22	45 30	50 17	51 28	44 19	56 36	74 42	77 55	74 46				

DAILY TEMPERATURES

KENTUCKY
MARCH 1960

Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
INEZ	MAX	34	36	35	29	29	33	33	35	33	38	47	42	40	45	50	49	50	44	43	40	38	47	50	54	47	62	76	82	79	78	70	47.2
	MIN	11	16	21	12	10	- 2	10	4	15	26	17	24	4	7	26	34	34	24	23	26	31	29	15	25	13	14	20	27	37	52	45	21.0
IRVINGTON	MAX	30	27	28	24	28	30	33	30	30	36	34	34	37	40	42	41	37	40	37	38	39	43	49	50	43	52	76	80	78	64	47	41.8
	MIN	8	20	23	9	- 4	- 9	16	5	22	22	26	18	3	5	28	33	28	20	25	21	20	27	17	27	16	34	27	47	59	47	41	22.0
LEITCHFIELD	MAX	30	27	28	26	26	26	31	30	35	35	34	33	35	38	40	43	40	39	37	38	40	42	50	51	42	56	75	79	77	63	49	41.8
	MIN	10	21	21	10	- 3	0	17	9	24	23	26	17	7	13	29	34	28	21	26	22	22	26	19	29	19	35	32	47	59	46	41	23.5
LEXINGTON W8 AIRPORT	MAX	26	25	25	21	22	27	26	26	30	32	31	30	34	35	39	42	35	37	35	38	37	36	44	46	35	51	72	75	75	65	45	38.6
	MIN	7	18	16	5	- 2	- 2	10	3	20	22	22	11	4	12	25	31	26	19	25	24	20	22	18	20	16	33	32	46	56	42	40	20.7
LONDON FAA AIRPORT	MAX	32	30	31	20	21	28	27	34	33	34	34	31	33	40	43	45	39	37	37	36	34	41	48	47	42	57	73	73	71	67	45	40.7
	MIN	11	20	17	2	- 5	- 8	7	- 1	22	23	24	6	- 3	- 1	28	33	22	16	21	24	23	22	16	22	16	30	25	36	50	42	40	18.7
LOUISVILLE	MAX	31	29	29	27	27	30	30	32	29	36	34	31	37	40	42	42	39	41	37	39	39	42	52	47	39	50	75	80	78	68	49	42.0
	MIN	8	20	22	11	1	3	16	10	20	22	24	15	9	14	28	32	28	23	26	23	22	28	21	28	18	32	30	50	57	46	41	23.5
LOUISVILLE W8 AP	MAX	31	28	28	21	26	30	27	32	28	36	34	31	37	42	42	44	37	43	35	40	39	40	50	47	39	49	77	85	79	63	48	41.5
	MIN	10	23	20	8	2	- 1	16	6	23	24	25	16	8	13	29	34	26	24	27	26	24	27	20	23	20	32	32	49	58	44	42	23.5
LOVELACEVILLE	MAX	31	28	33	28	27	32	36	33	39	34	37	37	39	38	38	39	37	37	44	44	43	48	52	55	46	58	75	79	80	68	61	44.4
	MIN	16	22	21	7	- 8	0	21	14	26	14	29	19	18	17	29	35	26	15	31	27	23	32	19	32	19	32	30	42	54	46	41	24.2
MADISONVILLE 1 SE	MAX	30	30	28	28	22	28	30	31	35	34	34	33	35	38	41	40	38	39	36	40	42	43	53	52	45	52	75	78	78	65	57	42.3
	MIN	13	20	20	11	- 1	- 5	15	6	25	23	26	16	8	7	30	34	27	19	29	24	25	32	17	29	20	35	28	45	52	46	41	23.1
MAMMOTH CAVE PARK	MAX	33	33	34	27	28	31	33	33	34	37	34	35	39	40	43	45	39	40	40	39	38	43	48	52	49	56	75	79	76	64	48	43.4
	MIN	8	20	20	11	- 6	- 4	15	9	20	22	26	18	5	7	29	34	27	17	24	24	20	28	16	33	17	34	29	48	58	51	40	22.6
MANCHESTER 4 SE	MAX	35	32	34	27	27	32	32	36	33	37	38	36	38	45	47	50	47	41	40	39	39	46	52	53	50	59	75	76	75	74		44.8
	MIN	11	19	25	14	3	- 8	13	1	24	26	24	23	- 4	4	31	34	35	19	20	29	23	23	15	29	15	33	23	31	44	54		21.1
MAYFIELD	MAX	32	30	31	27	27	31	36	34	39	34	37	36	40	39	37	40	37	36	45	44	42	49	51	55	46	60	75	79	77	68	63	44.4
	MIN	16	22	22	9	- 1	8	21	15	26	18	28	20	19	20	28	33	26	17	31	27	22	32	21	33	20	31	34	46	56	45	43	25.4
MAYSVILLE DAM 33	MAX	30	30	31	27	24	26	29	29	33	27	32	39	28	36	39	40	43	38	39	39	40	37	36	43	43	35	49	71	77	77	71	39.9
	MIN	5	5	22	14	1	1	4	2	4	20	20	17	3	3	9	24	34	19	19	20	23	24	16	16	13	13	24	24	39	46	42	17.0
MIOOLESBRO	MAX	40	38	36	28	27	33	33	38	38	39	37	35	40	45	47	45	51	47	43	41	41	48	53	57	52	64	74	75	74	71	66	47.0
	MIN	14	20	26	15	7	2	17	8	24	28	25	24	- 2	1	31	33	34	22	20	29	25	27	17	24	20	33	23	31	44	53	44	23.2
MONTICELLO	MAX	32	32	33	24	25	30	30	32	36	37	36	33	33	37	44	48	47	43	40	41	39	45	51	53	46	59	76	74	73	66	52	43.5
	MIN	13	20	22	13	1	2	15	6	27	25	27	20	- 2	- 1	30	35	32	18	21	28	25	26	17	26	18	29	24	37	57	52	41	22.7
MOUNT STERLING	MAX	28	28	28	26	26	28	30	28	29	36	34	38	34	38	43	46	42	38	37	38	36	40	44	46	42	53	71	76	76	76	56	41.6
	MIN	7	17	23	9	- 1	0	12	3	19	22	22	15	2	8	25	32	32	20	23	24	19	26	16	28	14	32	28	42	53	71		21.3
MOUNT VERNON	MAX	33	31	33	29	29	28	28	34	34	36	35	32	34	42	45	48	39	40	37	39	37	42	48	50	45	56	75	75	68	67	52	42.6
	MIN	18	10	19	15	9	- 8	14	- 1	22	23	25	20	- 5	0	29	33	28	18	22	26	22	29	15	31	15	34	21	38	60	51	40	21.7
MURRAY	MAX	33	28	27	22	29	32	34	35	37	37	37	34	40	37	37	41	37	40	43	42	43	49	56	54	48	59	76	78	75	62	60	43.9
	MIN	16	21	20	6	- 3	1	20	14	27	18	27	19	12	13	29	34	21	19	32	26	24	31	19	31	20	32	32	46	56	45	43	24.2
DWENSBRD 2 W	MAX	32	30	29	25	24	28	30	33	35	36	33	35	39	41	43	40	36	39	37	40	38	40	50	49	43	51	75	79	79	62	50	42.0
	MIN	10	21	19	7	- 6	- 7	14	8	23	23	26	11	2	4	25	34	25	19	28	22	23	29	19	28	20	31	29	43	58	42	41	21.6
PAOUCAH FAA AIRPORT	MAX	29	27	28	19	26	33	32	31	36	31	36	32	42	36	38	38	34	36	42	43	41	45	51	50	46	57	77	77	79	56	59	42.2
	MIN	15	22	16	5	- 2	- 2	16	14	25	17	27	20	17	18	31	30	24	19	29	27	23	25	19	25	19	31	33	23	49	56	44	43
PAOUCAH	MAX	32	29	31	30	29	30	34	33	39	35	33	38	42	38	39	40	37	39	43	45	43	47	53	54	45	59	77	80	80	70	56	44.6
	MIN	15	22	21	13	2	4	21	15	26	18	15	20	17	17	31	36	28	20	32	28	23	33	21	32	10	32	32	44	57	46	44	25.3
PIKEVILLE	MAX	37	32	35	26	27	35	32	35	33	36	45	35	41	46	51	51	53</															

SNOWFALL AND SNOW ON GROUND

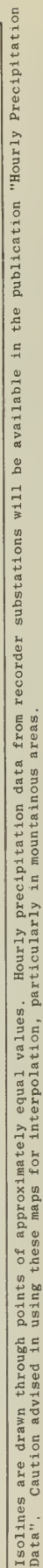
KENTUCKY
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Station		Day of month																																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
BARDSTOWN S J PREP SCH	SNOWFALL SN ON GND	-	4.0	2.0	-	-	-	-	.2	-	8.0	-	.5	.2	-	-	-	-	-	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BEAVER DAM	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BENHAM	SNOWFALL SN ON GND	T	1.0	6.5	7.0	1.0	-	T	1.5	6.0	4.5	T	4.0	1.5	3	T	4.0	T	-	3.0	2.0	4.0	T	T	T	T	.5	-	-	-	-	-	-	-	-	
BEREA COLLEGE	SNOWFALL SN ON GND	4	4	7	7	7	7	7	6	14	13	14	14	14	13	5	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BOWLING GREEN FAA AIRPORT	SNOWFALL SN ON GND	-	5.0	T	T	-	-	1.0	3.0	18.0	2.0	3.0	T	-	-	T	6	3	2	1	T	T	T	T	T	-	-	-	-	-	-	-	-	-	-	
CAMPBELLVILLE	SNOWFALL SN ON GND	T	5.0	3.0	T	5	5	T	4	3	12.5	T	3.0	.5	-	-	7	3	2	T	1	.7	.3	1.0	T	T	-	-	-	-	-	-	-	-	-	-
COVINGTON WS AIRPORT	SNOWFALL SN ON GND	T	2.5	1.9	.1	T	4	T	.5	2.5	T	1.4	1.0	-	-	T	T	T	T	.3	2	2.3	T	.1	T	T	T	T	T	T	T	T	T	T	T	T
	WTR EQUIV	-	T	.4	.3	.3	.3	.3	.2	.5	.5	.4	.5	.5	-	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
CYNTHIANA	SNOWFALL SN ON GND	T	T	6.5	T	T	2	.3	T	1.0	4.2	1.6	-	-	-	T	T	T	T	T	.1	1.5	T	T	T	-	-	-	-	-	-	-	-	-	-	-
DANVILLE	SNOWFALL SN ON GND	1	.6	6.0	.1	.1	1.0	T	6.0	3.0	-	2.2	8	10	8	7	5	3	T	T	.2	1.2	.3	1	1	1	1	1	1	1	1	1	1	1	1	1
EDDYVILLE LOCK F	SNOWFALL SN ON GND	-	4.0	4.5	-	-	-	.5	-	8.5	-	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FARMERS	SNOWFALL SN ON GND	T	T	5.0	1.0	T	4	.4	.2	.7	5.0	T	4.2	T	5	4	3	1	T	T	T	T	1.3	T	T	T	T	T	T	T	T	T	T	T	T	T
FORDS FERRY DAM 50	SNOWFALL SN ON GND	1	2.0	6.0	T	T	-	.3	7.5	T	1.5	T	-	-	-	T	7	5	3	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
GEST LOCK 3	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HAZARD WATER WORKS	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HEIDELBERG LOCK 14	SNOWFALL SN ON GND	T	T	7.2	1.1	T	5	.5	T	5.4	4.2	T	4.0	-	-	-	5	4	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HENDERSON 7 SSW	SNOWFALL SN ON GND	T	7.0	1.0	T	T	5	.2	9.0	T	2.0	-	-	-	-	2.0	3	1	1	1	.3	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
HOPKINSVILLE	SNOWFALL SN ON GND	2	2.3	4.0	T	5	4	.3	12.0	T	5.8	.5	-	-	-	8	5	4	3	2	1	.8	T	T	T	T	T	T	T	T	T	T	T	T	T	T
IRVINGTON	SNOWFALL SN ON GND	T	5.5	2.0	6	5	5	.3	9.6	T	.5	-	-	-	-	6	6	4	2	1	T	T	.9	.4	.2	-	-	-	-	-	-	-	-	-	-	-
LEXINGTON WB AIRPORT	SNOWFALL SN ON GND	2	6.5	1.0	T	T	1.1	1.1	5.7	T	1.8	.2	-	-	-	T	7	5	3	T	1.4	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	WTR EQUIV	4	1	.8	.7	1.4	1.1	1.1	1.2	1.6	1.8	1.8	1.9	1.8	1.7	1.8	1.1	.8	-	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
LONDON FAA AIRPORT	SNOWFALL SN ON GND	1	5.0	2.0	T	T	8	1.0	15.0	T	2.0	-	-	-	-	10	9	7	6	4	3.0	2.0	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUISVILLE WS AIRPORT	SNOWFALL SN ON GND	8.7	.5	T	T	7	6	5	9.2	T	1.0	.2	-	-	-	T	T	T	T	2.5	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	WTR EQUIV	-	.7	.6	.6	.5	.4	.4	.6	1.0	.8	.9	.5	.3	-	-	-	-	-	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
MAMMOTH CAVE PARK	SNOWFALL SN ON GND	-	2.5	T	T	T	4	3	2	2	12	12	13	12	11	11	8	6	5	4	2.0	T	T	2	T	T	T	T	T	T	T	T	T	T	T	T
MAYSVILLE DAM 33	SNOWFALL SN ON GND	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MIDDLESBORO	SNOWFALL SN ON GND	1	T	.6	T	T	T	T	12.0	3.5	1.0	2.0	T	-	-	6	5	3	1	T	1.4	1.0	T	T	T	T	T	T	T	T	T	T	T	T	T	T
MILLERSTOWN	SNOWFALL SN ON GND	1.4	6.2	7	7	6	5	4	10.0	T	2.0	-	-	-	-	7	5	5	4	3	3	4	4	1	T	T	T	T	T	T	T	T	T	T	T	T
MONTICELLO	SNOWFALL SN ON GND	2.0	.5	1.0	1.0	2	1	.2	11.0	1.0	2.5	2.3	-	-	-	7	6	5	2	-	2.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MURRAY	SNOWFALL SN ON GND	6.0	T	T	T	1.0	5	3	9.2	T	2.2	-	-	-	-	6	4	3	2	-	T	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OWENSBORO 2 W	SNOWFALL SN ON GND	1	3.0	6.0	9	8	8	6	9.0	T	.5	.5	-	-	-	10	5	4	T	2	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PADUCAH FAA AIRPORT	SNOWFALL SN ON GND	T	9.0	T	T	T	5	1.0	4.0	4.0	4.0	2.0	-	-	-	T	6	6	3	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
PAINTSVILLE	SNOWFALL SN ON GND	-	4.5	T	T	T	3	.5	T	4.5	T	2.5	-	-	-	3	2	1	T	-	-	1.0	T	T	T	T	T	T	T	T	T	T	T	T	T	T
PIKEVILLE	SNOWFALL SN ON GND	2.5	2.5	.5	T	T	.8	5.7	.2	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RUSSELLVILLE	SNOWFALL SN ON GND	-	2.3	1.5	-	-	-	-	15.2	1.3	2.5	1.0	-	-	-	-	-	-	-	-	1.0	1.0	.7	-	-	-	-	-	-	-	-	-	-	-	-	-
SOMERSET 1 N	SNOWFALL SN ON GND	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUMMER SHADE	SNOWFALL SN ON GND	4.0	1.0	.5	3	3	2	T	15.0	3.5	13	13	11	10	9	7	4	4	2	T	.5	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WILLIAMSTOWN	SNOWFALL SN ON GND	1	T	4.0	1.8	T	1.0	T	.8	5.0	2.0	-	-	-	-	T	T	T	T	T	1.0	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T

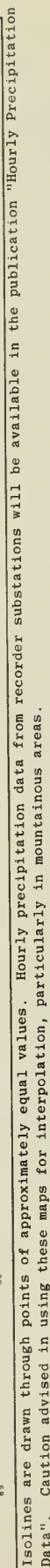
NOTE: Prior to March 12, 1960 some observers at stations labeled WB adjusted the observed water equivalent value to be consistent with that reported for the previous observation and intervening snowfall. On March 12 a general instruction was issued requesting that each water equivalent observation be recorded as measured.

See reference notes following Station Index.

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STATION INDEX

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STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
							TEMP.	PRECIP.	EVAP.	SPECIAL		
ADAMS DAM 45	0031	BRECKINRIDGE	7	37 45	86 34	380	6A	6A			C	CORPS OF ENGINEERS
ALBANY & N	0063	CLINTON	2	36 45	85 08	1000	7A				C	MRS. BARBARA A. COOL
ALLEN	0095	FLOYD	1	37 35	82 43	658	8A				C	NANNIE AUBREY
ANCHORAGE	0155	JEFFERSON	7	38 16	85 33	700	7P	7P			C	CHARLES G. BARRET
APEX 2 NE	0185	MULLENBORG	3	37 08	87 19	510	7A				C	SPENCER PROWSE
ASHLAND DAM 29	0254	BOYD	7	38 27	82 36	551	6A	7A			C	CORPS OF ENGINEERS
BARTONVILLE	0381	INDO	2	36 42	83 53	1000	6A	6A			C	UNION COLLEGE
BARDSTOWN 5 J PRR SCH	0397	NELSON	8	37 48	85 28	631	5P	5P			C	ST. JOSEPH PREP. SCHOOL
BAXTER	0450	HARLAN	2	36 51	83 20	1164	7A	7A			C	C. HOMER MOLAN
BEAVER DAM	0490	OHIO	1	37 25	86 52	441	6P	6P			C	H. C. YOUNG
BENHAM	0585	HARLAN	2	36 58	82 57	1585	8A	8A			C	H. C. C. WHITEAER
BENTON	0611	MARSHALL	9	36 51	88 20	395	5P	5P			C	JAMES H. MILLER
BENTON 2	0615	MARSHALL	9	36 51	88 20	305	5P	5P			C	PAID STATION WCL
BEEBA COLLEGE	0619	HARDIN	4	37 34	84 18	1070	6P	6P			C	JAMES A. GROSSMAN
BEEBA WATER WORKS	0626	HARDIN	4	37 33	84 15	1010	7A				C	MRS. LAURA B. GARBARD
BLAINE	0752	LAWRENCE	1	38 02	82 50	670	6P	6P			C	A. EMOCH WHEELER
BLOOMINGVILLE	0854	HART	3	37 23	85 54	684	5P	5P			C	CITY OF BONNIEVILLE
BOWLING GREEN	0904	WARREN	3	37 00	86 26	536	7A				C	JAMES R. EDWARDS
BOWLING GREEN KIRKST	0907	WARREN	3	37 01	86 26	479	5A				C	TVA-639
BOWLING GREEN FAIR	0909	WARREN	3	36 58	86 26	535	MID	MID			C	EEO. AVIATION AGENCY
BRENT DAM 36	0978	CAMPBELL	7	39 03	84 25	497	7A				C	CORPS OF ENGINEERS
BROWNVILLE LOCK 6	1046	EDMONSON	3	37 12	86 16	410	7A				C	EDLIDGE SKAGGS
BURDINE 2 NE	1120	PIKE	1	37 13	82 35	1643	8A				C	EDWIN E. JOHNSON
BURKESVILLE	1137	CUMBERLAND	2	36 46	85 22	740	7A				C	HARVIN M. LEE
CAK17 LOCK E	1206	PIGGS	2	36 46	87 58	184	7A				C	CORPS OF ENGINEERS
CALHOUN LOCK 2	1227	MC LEAN	3	37 32	87 16	402	7A				C	CORPS OF ENGINEERS
CAMPBELLVILLE	1256	TAYLOR	3	37 20	85 21	771	6P	6P			C	ALVA MC KINLEY
CANEVILLE	1294	GRAYSON	1	37 24	86 30	600	7A				C	GL. V. COX SR.
CARROLLTON LOCK 1	1345	CARROLL	4	36 41	85 11	880	7A				C	CORPS OF ENGINEERS
CLAY CITY 1 NW	1476	ROWELL	4	37 52	83 56	712	7A				C	JOEL W. MOUNT
CLERMONT 1 SE	1611	BULLITT	8	37 45	85 40	540	5P	5P			C	BERNHEIM FOUNDATION
CLINTON	1631	NICHOLSON	6	36 41	86 00	390	7A				C	WOODSON D. FRANKLIN
CLINTON	1683	CALDWELL	2	36 49	87 47	490	7A				C	MRS. BEATRICE D. WHITE
COCKE HILL LOCK 11	1704	ESTILL	4	37 47	84 06	631	7A				C	CORPS OF ENGINEERS
COVINGTON NW AIRPORT	1855	ROONE	7	39 04	84 40	869	MID	MID			C	U.S. WEATHER BUREAU
CUMBERLAND FALLS KT PK	1969	WHITLEY	2	36 48	84 10	1070	5P				C	KY. DEPT. OF COM.
CYNTHIANA	1988	HARRISON	5	36 23	84 18	584	7A				C	W. MARSHALL HILL
CYNTHIANA 2	2003	HARRISON	4	36 23	84 17	719	8A				C	W. MARSHALL HILL
DANVILLE	2040	NOBLE	4	37 30	84 46	955	7A				C	R. R. COLDRON
DAVELLA	2053	MARTIN	1	37 48	82 32	718	7A				C	MRS. EVA M. DAVIS
DELFONIA 1 E	2132	PERCY	4	37 02	83 07	1447	8A				C	BALLARD F. WALKER, JR.
DEW	2139	KNOTT	1	37 24	87 48	850	7A				C	HARVEY R. BARNY
DIX DAM	2214	MERCER	4	37 48	84 43	870	4P	7A			C	CORPS OF ENGINEERS
DUNDEE RAPIDS FORD RD	2358	OHIO	3	37 33	86 43	440	7A				C	PHILLIP O. THACKER
DUNNOD	2366	MULLENBORG	3	37 05	87 00	592	7A				C	JESSE L. HUFF
DYER	2381	BRECKINRIDGE	7	37 43	86 13	793	7A				C	N. D. GIVENS
EDDYVILLE LOCK F	2445	LYON	2	37 03	88 05	420	7A				C	LENA R. HADISON
EDMONTON	2469	METCALFE	3	37 00	85 37	865	7A				C	CORPS OF ENGINEERS
ELIZABETHTOWN	2510	HAROLD	3	37 41	85 52	739	6P	6P			C	JOHN E. MORAN
ELEPHANT CITY	2528	PIKE	1	37 18	82 21	850	7A				C	PAID STATION WCL
ELKTON 2 S	2548	TODD	2	36 47	87 10	520	7A				C	EDMOND O. BENNETT
FALMOUTH	2775	PERMUTON	4	38 48	84 20	560	6P	7A			C	S. RICHARD ANDERSON
FARMER	2793	OWAN	5	38 09	83 33	668	6P	7A			C	FRANK H. LAWSON
FLEMINGSBURG	2803	FLEMING	3	38 25	83 43	870	7A				C	MRS. C. C. TAMMER
FLEMINGSBURG 2	2908	FLEMING	3	38 25	83 43	851	6P	MID			C	MRS. JEAN ELEMING
FORD LOCK 10	2953	HARDIN	4	37 54	84 16	460	6A				C	WILLIAM H. FISCHER
FORDS FERRY DAM 50	2961	CRITTENDEN	7	37 28	88 06	356	6P	6A			C	CORPS OF ENGINEERS
FRANKFORT LOCK 4	3036	FRANKLIN	4	38 14	84 52	704	6A	6A			C	CORPS OF ENGINEERS
FRANKLIN 1 E	3036	SIMPSON	3	36 43	86 34	690	7A				C	MRS. FATTIE D. NEAL
FREEDMAN 2 W	3046	PIKE	1	37 33	82 10	700	8A				C	MRS. ALTA S. GOOLIN
FRENCHBURG	3052	MURPHY	5	37 57	83 39	864	7A				C	MISS ESTHER WILSON
GAMALIEL 1 S	3112	MONROE	3	36 18	85 48	759	7A				C	E. GUY DECARD
GEORGETOWN WATER WORKS	3154	SCOTT	4	38 12	84 33	888	8A				C	WILLIAM E. SPANGLER
GEST LOCK 3	3203	HENRY	4	38 25	84 53	490	7A				C	CORPS OF ENGINEERS
GLASCO	3241	HARDEN	3	37 00	85 55	780	7A				C	EMILY M. REAM
GLASCO WAY	3246	HARDEN	3	37 00	85 55	800	6P	6P			C	PAID STATION WCL
GLASCOLE 1 E	3252	HARDIN	3	37 56	85 54	710	7A				C	DEWEY S. HILL
GOLDEN POND 8 N	3295	TRIGG	2	36 46	88 00	393	4P				C	FISH & WILF. REFUG
GRANT DAM 3A	3358	ROONE	7	38 49	84 50	503	7A				C	CORPS OF ENGINEERS
GRAYSON 1 SE	3392	CARTER	7	38 19	82 56	900	6A	6A			C	ALBERT G. SWANAGAN
GREENBURG	3430	GREEN	3	37 15	85 30	610	7A	7A			C	HOWARD PICKETT
GREENBURG HWAY A1 RP	3435	GREEN	3	37 15	85 30	598	7A				C	LYNN L. BLAVEMAN
GREENUP DAM 30	3443	GREENUP	7	38 37	82 51	538	7A				C	CORPS OF ENGINEERS
GREENVILLE 2 W	3451	MULLENBORG	3	37 12	87 12	519	5P				C	C. R. LUDVELL
HALES MILL	3539	CHRISTIAN	3	37 03	87 20	740	7A				C	CLEATUS E. BINKLEY
HARTFORD 6 NW	3652	OHIO	3	37 32	86 54	420	8A				C	LEWIS J. CAPSON
HAZARD	3709	PERCY	4	37 15	83 12	869	7A				C	H. A. BAILEY
HAZARD WATER WORKS	3714	PERCY	4	37 15	83 11	820	7A				C	LEWIS J. CAPSON
HEIDELBERG LOCK 14	3741	LEE	4	37 33	83 46	663	5P	6A			C	O. J. HOGSTON
HENDERSON 2 SW	3762	HENDERSON	7	37 45	87 18	382	6P	6P			C	CORPS OF ENGINEERS
HERNDON	3798	CHRISTIAN	2	36 44	87 34	512	7A				C	H. FRANK STREET
HICKMAN 1 E	3816	FULTON	6	36 34	89 10	362	7A	7A			C	C. W. FEATIS
HICKVILLE	3821	MAVES	9	36 48	88 10	440	7A				C	MRS. NELL C. CALVIN
HIGH BRIDGE LOCK 7	3837	JACKMAN	4	37 49	84 41	544	6A				C	TVA-679
HINDMAN SETTLEMENT SCH	3899	ENDITT	4	37 20	82 59	1080	8A				C	CORPS OF ENGINEERS
HODGENVILLE NAT PARK	3929	LARUE	3	37 32	85 44	788	7A				C	HINDMAN SETTLEMENT SCH.
HODGENVILLE	3936	CHRISTIAN	2	36 51	87 30	540	7A				C	NATIONAL PARK SERVICE
HYDEN	4093	LEWIS	4	37 10	83 23	-	7A				C	MRS. FERN F. ELAM
IRVINGTON	4134	MARTIN	1	37 52	82 52	638	6P	6P			C	UNITED EUEL GAS CO.
JACKSON	4165	BRECKINRIDGE	7	37 55	86 17	646	7P	7P			C	FLOYD G. ROBBINS
JEREMIAH	4255	LEITCHER	4	37 10	82 56	1150	5P				C	JAMES O. MALONEY
KEENE 1 NW	4369	JESSAMINE	4	37 57	84 38	941	7A				C	HOBART ISON
KENTUCKY DAM	4414	LIVINGSTON	9	37 01	88 18	362	5A				C	HUGH W. BUFFIN
LA GRANGE 1 SW	4595	OLPHAN	7	38 24	85 24	874	6A				C	ALBERT V. HARDIN
LANCASTER	4620	GARRARD	4	37 37	84 35	1032	8A				C	KENTUCKY UTILITIES CO.
LEITCHFIELD	4703	GRAYSON	3	37 29	86 18	642	6P	8A			C	CLOYD STIKELER
LEXINGTON WB AIRPORT	4746	YETTE	4	38 02	86 16	979	MID	MID			C	U.S. WEATHER BUREAU
LIBERTY	4755	CASEY	3	37 21	84 55	772	7A				C	PALLA F. HANALA
LITTLE WICKMAN LOCK 8	4825	JESSAMINE	4	37 45	84 35	521	7A				C	CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	HENRY	4	38 26	82 58	85	6A				C	CORPS OF ENGINEERS
LOGGICK 1 S	4882	CLARK	4	37 51	84 02	773	7A				C	MURPHY BURGER
LONDON	4893	LAUREL	2	37 08	84 04	1195	7A				C	PROXVILLE FERTILIZER CO.
LONDON FAIR AP	4898	LAUREL	2	37 05	84 05	1191	7A				C	FED. AVIATION AGENCY
LOUISA	4943	LAWRENCE	1	38 07	82 37	587	7A				C	CHARLES E. BRANHAM
LOUISA 2	4946	LAWRENCE	1	38 07	82 36	584	8A				C	HAROLD C. PERGUSON
LOUISVILLE	4949	JEFFERSON	7	38 14	85 46	462	6P	6P			C	LOUISVILLE G. & E. CO.
LOUISVILLE BOWMAN FLO	4951	JEFFERSON	7	38 13	85 40	558	7A				C	CORPS OF ENGINEERS
LOUISVILLE WB AP	4954	JEFFERSON	7	38 11	85 44	474	MID	MID			C	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	JEFFERSON	7	38 17	85 48	403	6A				C	CORPS OF ENGINEERS
LOVELACEVILLE	4967	BALLARD	6	36 58	88 50	370	5P	5P			C	BLAINE MALONE
LUCAS	5002	BARREN	3	36 53	86 02	738	7A				C	WILLIAM E. FOSTER
MADISONVILLE 1 SE	5067	HODGINS	3	37 19	87 29	439	5P	7A			C	HOMER WILSON, JR.
MAMMOTH CAVE PARK	5097	EDMONSON	3	37 11	86 05	800	5P	1P			C	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	CLAY	4	37 06	87 43	850	6P	7A			C	NORA S. WHITE
MAYFIELD DAM 33	5230	GRAVES	6	36 44	88 39	364	6P	7A			C	MAYFIELD ELEC. & WTP. CO.
MAYFIELD DAM 33	5243	HASON	7	38 38	84 52	515	7A				C	CORPS OF ENGINEERS
MC REE	5291	JACKSON	2	37 26	84 00	1000	7A					

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U. S. DEPARTMENT OF COMMERCE
FREDERICK H. MUELLER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

APRIL 1960
Volume 55 No. 4



ASHEVILLE: 1960

KENTUCKY - APRIL 1960

TEMPERATURES AND PRECIPITATION EXTREMES

Highest Temperature: 92° on the 25+ at 3 stations

Lowest Temperature: 18° on the 11+ at 5 stations

Greatest Total Precipitation: 5.64 inches at Mayfield

Least Total Precipitation: 0.56 inch at Maysville Dam 33

Greatest One-Day Precipitation: 2.15 inches on the 21st at Princeton

Greatest Reported Total Snowfall: 1.0 inch at Benham

Greatest Reported Depth of Snow on Ground: Trace on the 6th at Benham
and on the 5th at Hartford
6 NW

CLIMATOLOGICAL DATA

KENTUCKY
APRIL 1960

Station		Temperature											Precipitation															
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days						
											Max. Min.								Total	Departure From Long Term Means	Greatest Day	Date	Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
											90° or Above	32° or Below	32° or Below	0° or Below														
WESTERN																												
BEAVER DAM		75.8	46.7	61.3		89	23	25	10	174	0	0	4	0	1.63		.77	21	.0	0		4	1	0				
BENTON 2		75.1M	41.8M	58.5M		88	23	21	10	227	0	0	7	0	2.86				.0	0								
FORDS FERRY DAM 50		74.3	48.2	61.3		88	23+	30	10	166	0	0	1	0	3.25	-.88	1.19	30	.0	0		6	2	1				
GOLDEN POND 8 N		76.6	45.3	61.0		88	23	25	10	176	0	0	6	0	3.65		2.00	21	.0	0		4	2	1				
GREENVILLE 2 W		74.2	47.0	60.6	3.5	86	23	27	10	187	0	0	4	0	2.25	-2.05	.85	21	.0	0		7	1	0				
HENDERSON 7 SSW		72.5	46.9	59.7	2.8	86	24+	26	10	202	0	0	3	0	3.21	-1.29	1.33	21	.0	0		6	2	1				
HICKMAN 1 E		74.3	45.9	60.1		89	25	28	10	187	0	0	1	0	3.37		.99	30	.0	0		6	3	0				
HOPKINSVILLE		73.6	46.6	60.1	2.4	89	24	27	10	204	0	0	2	0	2.02	-2.15	1.00	21	.0	0		5	1	1				
LOVELACEVILLE		74.4	46.4	60.4	2.0	85	24+	22	10	176	0	0	4	0	3.32	-1.15	1.05	30	.0	0		6	3	1				
MADISONVILLE 1 SE		75.5	46.8	61.2		87	23	26	10	181	0	0	5	0	2.73		1.27	21	.0	0		4	2	1				
MAYFIELD		74.0	47.9	61.0		86	23	26	10	161	0	0	3	0	5.64		1.38	26	.0	0		8	4	2				
MURRAY		75.7	47.6	61.7	3.0	87	23	25	10	154	0	0	3	0	2.79	-1.42	1.60	21	.0	0		4	2	1				
OWENSBORO 2 W		73.6	46.8	60.2	3.7	86	25+	28	10	188	0	0	4	0	2.30	-1.82	.90	21	.0	0		5	2	0				
PADUCAH FAA AIRPORT		72.0	47.7	59.9		85	24+	25	10	199	0	0	3	0	3.10		.72	29	.0	0		6	2	0				
PADUCAH		75.7	49.2	62.5		87	23	29	10	131	0	0	2	0	4.31	-.07	1.12	15	.0	0		6	4	2				
PRINCETON		75.1	45.2	60.2	2.3	89	23	26	6	188	0	0	5	0	4.68	.57	2.15	21	.0	0		5	4	2				
RUSSELLVILLE		75.3	46.8	61.1	3.8	90	23	25	10	180	1	0	5	0	1.89	-2.08	.44	21	.0	0		8	0	0				
DIVISION				60.6	2.9										3.12	-1.07			.0									
CENTRAL																												
ADDISON DAM 45		73.6	44.4	59.0		90	24+	30	10+	224	2	0	3	0	2.03	-2.00	.90	21	.0	0		4	2	0				
ANCHORAGE		71.2	44.8	58.0	3.7	87	24+	21	10	241	0	0	4	0	1.58	-2.51	.33	2	T	0		6	0	0				
BARDSTOWN S J PREP SCH		74.0	47.5	60.8		88	23	23	11+	199	0	0	4	0	1.66		.48	21	T	0		5	0	0				
BONNIEVILLE		73.8	44.5	59.2		88	25+	21	10	218	0	0	5	0	1.27		.40	21	.0	0		4	0	0				
BOWLING GREEN FAA AP		72.9	44.9	58.9	.6	87	23	27	10	216	0	0	6	0	1.36	-2.68	.49	21	.0	0		3	0	0				
CAMPBELLVILLE		73.4	47.4	60.4		86	25+	24	10	183	0	0	4	0	1.71		.58	26	.0	0		5	1	0				
CECILIA		72.0	42.6	57.3	1.8	86	24	26	10	260	0	0	8	0	1.65	-2.69	.71	21	T	0		6	1	0				
CLERMONT 1 SSE		75.9	45.5	60.7		89	25+	21	10	198	0	0	5	0	1.41		.66	21	T	0		4	1	0				
ELIZABETHTOWN		74.1	45.7	59.9		88	25	24	10	187	0	0	2	0	1.54		.69	21	T	0		3	2	0				
GLASGOW WKAY		73.1	46.5	59.8		86	23	23	10	189	0	0	5	0	2.40		.77	3	.0	0		7	2	0				
GREENSBURG		72.3	43.4	57.9	1.3	88	26+	23	10	254	0	0	5	0	1.71	-2.11	.42	18	.0	0		5	0	0				
IRVINGTON		74.4	47.2	60.8	4.2	89	23	23	10	188	0	0	3	0	1.85	-2.17	.55	21	T	0		5	1	0				
LEITCHFIELD		73.9	47.5	60.7	3.9	88	23	26	10	191	0	0	3	0	2.35	-1.84	1.15	21	.0	0		6	1	1				
LOUISVILLE		74.4	48.9	61.7		91	24+	24	10	182	2	0	4	0	1.26		.45	21	.0	0		5	0	0				
LOUISVILLE WB AP		73.1	48.1	60.6	4.6	91	24+	30	10	197	2	0	4	0	1.17	-2.84	.42	21	T	0		4	0	0				
MAMMOTH CAVE PARK		75.5	47.1	61.3		90	23	22	10	177	1	0	5	0	1.37		.56	21	T	0		4	1	0				
SCOTTSDALE		74.5	47.3	60.9		87	23	24	10	176	0	0	4	0	2.43		.72	3	.0	0		6	3	0				
SUMMER SHADE		73.6	46.0	59.8		88	23	22	10	204	0	0	7	0	2.02		1.05	26	.0	0		5	1	1				
WOLF CREEK DAM		72.7	39.2	56.0		89	26	21	10	288	0	0	9	0	1.01		.48	27	.0	0		5	0	0				
DIVISION				59.7	3.2										1.67	-2.39			T									
BLUE GRASS																												
BEREA COLLEGE		75.1	48.0	61.6	4.8	89	24	21	10	178	0	0	3	0	1.37	-2.44	.94	26	.0	0		2	1	0				
CARROLLTON LOCK 1		72.8	45.8	59.3		88	25+	27	10	216	0	0	5	0	.82	-2.93	.31	4	.0	0		3	0	0				
COVINGTON WB AIRPORT		69.6	45.7	57.7	5.6	88	24	25	10	262	0	0	4	0	1.32	-2.27	.45	30	T	0		5	0	0				
CYNTHIANA 2		70.7	41.9	56.3		88	26	23	11+	285	0	0	7	0	1.96		1.17	27	.0	0		6	1	1				
DANVILLE		70.0	44.8	57.4		87	25+	24	10	269	0	0	6	0	1.29	-2.51	.79	27	.0	0		3	1	0				
DIX DAM		73.7	47.1	60.4		87	25+	25	10	181	0	0	4	0	1.25		.81	27	.0	0		2	1	0				
FALMOUTH		73.2	43.3	58.3		88	25+	20	10	233	0	0	6	0	1.34	-2.61	.36	27	T	0		4	0	0				
FLEMINGSBURG 2		71.9	45.2	58.6		88	25	23	11+	226	0	0	4	0	.87		.26	30	T	0		3	0	0				
FRANKFORT LOCK 4		69.3	42.1	55.7	.7	87	26	23	10	295	0	0	7	0	2.11	-1.98	.60	27	.0	0		5	1	0				
LEXINGTON WB AIRPORT		69.7	46.5	58.1	3.6	86	24	24	10	243	0	0	4	0	1.65	-2.11	.77	26	T	0		5	1	0				
MAYSVILLE DAM 33		69.9	40.7	55.3	1.2	88	25+	24	11	308	0	0	8	0	.56	-3.28	.27	4	.0	0		1	0	0				
MOUNT STERLING		73.9	46.9	60.4		89	25	23	10	198	0	0	4	0	.98	-3.12	.38	30	T	0		4	0	0				
RICHMOND		69.1	45.3	57.2		86	25	23	10	272	0	0	4	0	1.25		.38	27	T	0		5	0	0				
SHELBYVILLE		68.3	44.9	56.6	1.9	86	24	24	10	287	0	0	5	0	1.62	-2.71	.58	27	.0	0		6	1	0				
WARSAW MARKLAND DAM		72.4	44.9	58.7		89	24+	29	6	229	0	0	4	0	1.63		.65	3	.0	0		5	1	0				
WILLIAMSTOWN 5 WSW		68.1	43.1	55.6	.5	86	24	22	11+	310	0	0	6	0	1.01	-3.01	.22	27	T	0		5	0	0				
DIVISION				58.0	2.7										1.31	-2.58			T									
EASTERN																												
ASHLAND DAM 29		74.4	45.2	59.8	3.6	92	24	25	11	200	3	0	4	0	1.43	-1.99	.76	4	T	0		2	2	0				
BARBOURVILLE		77.6M	42.2M	59.9M		91	24			185	2	0	6	0	2.08		.91	27	.0	0		5	1	0				
BAXTER		71.5	39.5	55.5		89	26	21	12+	295	0	0	8	0	1.39		.48	4	T	0		5	0	0				
BENHAM		71.3	41.8	56.6		89	26	21	11	280	0	0	6	0	1.75		.63	27	1.0	T	6	1	0					
BLAINE		76.0	39.8	57.9		90	23	18	11+	218	1	0	6	0	1.00		.50	3				6	1	0				
DEWEY DAM		73.2	39.3	56.3		89	26+	20	11+	272	0	0	8	0	1.85		.94	27	T	0		2	2	0				
FARMERS		75.2	41.7	58.5	3.3	89	24	19	11+	215	0	0	5	0	.85	-3.05	.35	27	T	0		2	2	0				
GRAYSON 1 SE		71.9	40.7	56.3		90	25+	21	11	287	2	0	6	0	1.14		.55	27	.0	0		5	1	0				
HEIDELBERG LOCK 14		76.3	41.3	58.8		89	23	18	11+	209	0	0	5	0	.85	-2.63	.40	27	.0	0		3	0	0				
HINDMAN SETTLEMENT SCH		73.2	36.3	54.8		90	25+	18	11	317	2	0	8	0	2.12		.97	27	.0	0		5	2	0				
INEZ		77.7	41.1	59.4		92	25+	20	11+	186	4	0	6	0			.69	26	.0	0		5	1	0				
LONDON FAA AIRPORT		70.6	43.1	56.9		87	23	22	11	256	0	0	4	0	1.65		1.07	27	.0	0		4	2	1				
MANCHESTER 4 SE		74.9	41.5	58.2		91	23	18	10	217	1	0	6	0	2.09		.50	27+	T	0		5	2	0				
MIDDLESBORO		75.0	42.5																									

CLIMATOLOGICAL DATA

KENTUCKY
APRIL 1960

CONTINUED

Station	Temperature											Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days			
										Max.		Min.						Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More	
										90° or Above	32° or Below	32° or Below	0° or Below											
MOUNT VERNON	74.3	44.8	59.6		88	25+	21	10	209	0	0	5	0	3.65		1.49	26	.0	0		4	2	2	
PIKEVILLE	77.2	46.6	61.9		92	23	23	11	145	4	0	3	0	1.69	- 1.68	.67	27	.0	0		4	2	0	
SOMERSET 1 N	72.5	44.5	58.5		87	23	23	11	215	0	0	5	0	1.52		.62	3	.0	0		5	1	0	
VANCEBURG DAM 32	71.7	43.3	57.5		90	23	24	11	245	1	0	4	0	.57	- 3.14	.21	4	.0	0		3	0	0	
WEST LIBERTY	AM	71.8	39.9	55.9		89	25+	18	10	288	0	0	6	0	1.15		.64	27	T	0		2	1	0
WILLIAMSBURG 2	AM	75.3	39.7	57.5	.0	91	25	21	10	255	3	0	9	0	2.30	- 1.37	.61	27	.0	0		5	2	0
DIVISION			58.0	1.4										1.60	- 1.98			.1						

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00 a CST	6:00 a CST	12:00 p CST	6:00 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
COVINGTON WB AIRPORT	SSW	21	11.6	30	SW	17	63	69	43	44	9	3	5	0	0	0	17	-	7.4
LEXINGTON WB AIRPORT	S	19	9.9	-	-	-	68	74	49	53	5	2	4	1	0	0	12	-	6.4
LOUISVILLE WB AIRPORT	SW	12	10.1	36	S	17	63	71	45	46	4	5	4	0	0	0	13	59	6.3

See Reference Notes Following Station Index

KENTUCKY
APRIL 1960

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DAILY PRECIPITATION

KENTUCKY
APRIL 1960

CONTINUED

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ONEIDA	1.05	T			.55	T																T						.50	T				
ONEONTA DAM 35	1.12	.02	.02	.04	.34	.01	T	T			.02			T					.05			.09					.03				.50		
OWENSBORO 2 W	2.30			.12	.14												.04	.33				.90					.06				.71		
OWENSBORO DAM 46	2.31			.07	.12												.03	.04	.25			.95					.12				.73		
PADUCAH FAA AIRPORT	3.10	.02	T	T												.45	.48		.25		.29	.44					.02			.72	.68		
PADUCAH	4.31														1.12		.65				1.01					.46			.32	.75			
PAINTSVILLE	2.18																.28	.40									.52						
PIKEVILLE	1.69			.53		.08			.03									.14								.09	.67			T			
PINEVILLE	1.46	T		T	.31	.04	.28	T										.06									.38	.26	.50	1.30			
PRINCETON	4.68																.58				2.15	.13				.15							
RAVENNA LOCK 12	1.15			.09																		T						1.06					
RICHMOND	1.25	T		.28	.20	.03	.04				T						.02	.12				.18						.38					
ROCHESTER LOCK 3	2.43		.15	.08	.22												.20	.04	.21			1.19				.05	.02				.27		
RUSSELLVILLE	1.89		.07	.24	.17	T										.15	.11	.22	.13			.44				.13	.03				.35		
RUSSELLVILLE SUBSTA	1.88		.07	.07	.30												.17	.15				.41				.22					.34		
SALVISA LOCK 6	1.61	T		.27	.12	.01	.01										T	.24				.23					.29				.44		
SALYERSVILLE 2 SE	1.50				.54	.01											.23	.56	.05			.58				.16					.08		
SCOTTSVILLE	2.43		.10	.72													.20	.50				.45	T			T	.13				.10		
SCOTTSVILLE 2 SW	2.04			.52	.14			T								.55	.20	.25	.50			1.70				.45					1.30		
SEBREE	V -		*	*	.60																												
SHAWNEE STEAM PLANT	2.54		T		T											.20	.24	.53	.05			.61					T	T			.91		
SHELBYVILLE	1.62			.22	.28	.06	T										.01	.03	.02			.14	.14				T	.58			.14		
SHEPHERDSVILLE	1.01			.12	.14												.15					.35										.25	
SOMERSET 1 N	1.52	.01	.01	.62	.05	.16												.08	.02			.11					.13	.31			.02		
SPRINGFIELD	2.60			1.11	.11												T					T	.43				.55				.40		
STEARNS	1.98			.12	.28	T	.05										.04		.20			.40						1.03					
SUMMER SHADE	2.02		.10	.15	T													.28	.18			.40									T		
SUMMER SHADE SUBSTA	1.98	T	.02	.15	.09												.06					.39	.06					.103				.22	
TAYLORSVILLE	1.58				.47												.05					.05	.40					.12	.27			.87	
TURKEY CREEK SCHOOL	3.20		.05		.05												.05	.18	.12			1.63					.25						
TYRONE LOCK 5	1.46	T		.27	.22	.09													.05									.32				.25	
UNIONTOWN DAM 49	2.58		T		.03											.28	.11	.17	.13			.63	.15				.03				1.05		
VALLEY VIEW LOCK 9	.75		T	T	.16	.02	T										.01	.01					.14										
VANBUREN	1.51			.26	.22	.05															.55	.08										.35	
VANCEBURG DAM 32	.57	T	T	.02	.21	T		.02	T	T								.12				T	.02					.18				T	
WARSAW MARKLAND DAM	1.63	T		.65	.43	.05				T												T	.18					.10			T	.22	
WAYNESBURG 7 NE	.71			.30	.08														.04				.06					.22					
WEST LIBERTY	1.15	T		.01	.35	.06	.04	.01			T																	.64					
WILLIAMSBURG 2	2.30			.07	.60	.06	.20	.04											.23								.06			.41			
WILLIAMSBURG 5 WSW	1.01	T		.09	.18	.08		T	T		T		T						.15				.15					.22				.14	
WILLOW LOCK 13	.66			.02	.16	.01	.01																						.43				
WOLF CREEK DAM	1.01	T		.11	.18	T	T	T																		.14							
WOODBURY LOCK 4	1.84			.12	.25												.55	.10				.44										.20	

See Reference Notes Following Station Index

DAILY TEMPERATURES

KENTUCKY
APRIL 1960

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AOOISON OAM 45	MAX	54	81	76	52	64	57	70	67	67	45	55	75	79	84	85	82	86	70	62	78	86	75	90	90	89	86	79	73	78	73	73.6	
	MIN	41	42	48	40	40	30	34	37	34	30	32	40	50	52	54	56	60	34	33	37	42	48	46	58	61	62	47	48	47	48	44.4	
ANCHORAGE	MAX	74	67	57	62	52	69	64	63	48	49	69	78	82	81	76	84	75	61	67	82	73	85	87	87	85	75	72	72	68	72	71.2	
	MIN	44	54	45	33	38	27	33	38	29	21	29	57	46	49	56	57	62	34	36	40	57	48	55	57	58	58	42	45	44	51	44.8	
ASHLAND OAM 29	MAX	70	76	70	61	53	63	66	61	52	49	68	79	88	85	82	80	82	73	68	84	79	85	91	92	91	87	66	72	82	76	74.4	
	MIN	45	48	52	47	41	28	39	40	32	28	25	61	45	47	50	53	57	42	36	38	40	47	50	56	56	60	50	45	41	57	45.2	
BARBOURVILLE	MAX	78	76	66	61	54	71	70	69	63	70	80	86	85	82	86	82	72	81	82	84	88	90	91	89	88	70	75	80	80	77.6		
	MIN	36	47	50	45	35	28	42	33	28	20	52	38	42	47	45	51	36	29	32	56	46	50	48	51	56	52	37	38	54	42.2		
BAROSTOWN S J PREP SCH	MAX	77	75	62	62	60	72	68	65	59	50	70	78	82	82	78	84	85	64	69	83	80	86	88	87	87	78	71	72	74	73	74.0	
	MIN	42	59	45	38	36	32	40	38	28	23	23	54	55	64	65	70	65	34	37	40	58	50	57	58	61	57	48	46	45	58	47.5	
BAXTER	MAX	50	76	70	63	56	49	65	68	66	52	50	66	77	83	81	80	82	75	63	75	79	70	84	87	87	89	85	63	75	79	71.5	
	MIN	38	39	52	50	37	29	30	33	30	25	21	21	40	41	43	48	45	40	31	32	42	50	46	48	50	51	56	40	37	39	39.5	
BEAVER OAM	MAX	81	76	74	65	60	74	69	67	64	54	75	81	84	83	79	85	78	62	73	84	81	87	89	87	86	76	73	76	72	78	75.8	
	MIN	40	55	44	34	38	28	44	34	31	25	31	58	53	57	60	60	55	36	33	45	57	50	59	58	60	60	45	44	50	56	46.7	
BENHAM	MAX	58	75	71	70	58	48	64	67	67	45	50	67	79	85	81	84	75	68	63	72	80	65	85	85	88	89	85	61	73	80	71.3	
	MIN	34	38	56	50	37	30	36	34	30	26	21	29	41	47	54	60	43	40	30	41	55	42	45	51	53	53	59	39	36	49	41.8	
BENTON 2	MAX	56	71	64	59	79	74	72	69	57	75	80	82	80	82	82	82	67	72	83	81	85	88	87	85	81	73	76	72	71	75.1		
	MIN	44	44	44	31	37	36	39	31	31	21	30	47	56	60	47	58	33	30	30	53	48	49	54	60	41	40	43	43	43	43	41.8	
BEREA COLLEGE	MAX	78	76	64	61	52	69	68	66	63	48	69	79	85	83	86	85	80	75	76	83	77	88	87	89	88	86	68	70	82	73	75.1	
	MIN	39	57	57	43	37	33	43	43	29	21	28	56	48	60	63	60	60	35	37	40	61	53	60	65	62	56	50	41	46	58	48.0	
BLAINE	MAX	76	79	78	68	59	65	66	65	64	50	69	78	88	86	81	84	81	73	70	82	77	88	90	88	89	83	68	75	83	78	76.0	
	MIN	44	43	50	48	34	26	33	34	23	18	18	53	41	39	43	46	47	42	28	31	47	41	43	49	48	51	53	35	33	52	39.8	
BONNIEVILLE	MAX	77	74	64	62	56	71	66	66	59	51	70	80	82	82	76	85	76	62	71	83	75	85	88	87	88	81	73	74	73	76	73.8	
	MIN	38	49	48	40	38	26	39	34	27	21	23	58	54	55	59	61	56	33	30	36	58	44	53	56	57	55	49	40	42	56	44.5	
BOWLING GREEN FAA AP	MAX	78	69	55	64	53	73	67	69	47	55	70	80	80	80	74	83	74	62	72	82	76	86	87	85	85	83	74	75	71	77	72.9	
	MIN	30	53	44	40	35	30	45	38	32	27	28	94	47	53	57	56	45	35	32	40	55	50	56	56	61	58	49	46	47	48	44.9	
CAMPBELLVILLE	MAX	77	72	62	59	55	70	67	66	57	51	68	78	81	81	74	84	80	71	73	82	77	86	86	85	86	79	71	74	77	74	73.4	
	MIN	42	59	50	42	38	31	43	40	30	24	30	57	53	54	61	57	59	36	34	44	57	51	56	58	60	57	50	46	45	58	47.4	
CARROLLTON LOCK 1	MAX	71	71	61	59	59	68	68	63	56	49	66	77	81	82	79	82	81	74	65	80	80	83	88	87	88	80	70	71	72	73	72.8	
	MIN	44	51	46	37	38	29	35	40	29	27	29	54	46	55	58	58	65	38	32	36	60	46	54	57	58	59	48	46	41	58	45.8	
CECILIA	MAX	46	78	70	50	64	52	73	65	65	47	64	78	81	84	82	75	85	75	60	70	84	75	85	86	85	85	78	71	73	73	72.0	
	MIN	42	42	45	37	38	27	30	37	29	26	29	31	48	52	49	46	57	32	32	39	46	47	57	60	58	57	47	44	45	50	42.6	
CLERMONT 1 SSE	MAX	77	78	64	61	63	71	73	64	63	49	69	78	81	83	84	83	84	77	68	83	83	85	88	89	89	87	81	74	75	73	75.9	
	MIN	40	53	45	35	37	26	37	38	29	21	27	52	48	56	69	61	64	33	31	38	58	47	59	59	60	57	44	44	42	55	45.5	
COVINGTON W8 AIRPORT	MAX	70	65	57	57	45	65	62	58	40	48	65	76	82	81	76	83	76	58	66	82	69	85	87	88	86	76	70	71	73	71	69.6	
	MIN	43	54	45	38	34	28	34	35	27	25	32	52	54	60	59	58	42	37	38	46	57	52	61	61	62	53	46	43	48	46	45.7	
CYNTHIANA 2	MAX	48	73	69	60	55	53	68	65	62	43	49	66	77	82	80	79	83	76	76	68	82	69	84	84	87	88	76	70	72	76	70.7	
	MIN	43	46	53	40	36	29	32	37	26	23	23	36	41	46	47	50	64	37	28	32	51	41	49	54	54	53	50	44	37	56	41.9	
OANVILLE	MAX	45	74	66	61	56	51	67	65	61	40	48	68	78	81	81	75	84	73	64	69	81	71	85	87	87	85	78	69	71	78	70.0	
	MIN	40	43	57	41	36	31	32	40	31	24	25	32	52	53	56	57	64	38	35	35	50	50	53	60	62	61	50	44	45	48	44.8	
OEWEY OAM	MAX	49	77	78	78	52	50	67	67	67	45	50	69	79	86	83	84	85	82	62	72	82	76	86	89	88	89	84	64	75	82	73.2	
	MIN	44	45	49	49	41	29	29	36	28	20	20	21	41	41	42	46	48	41	31	31	35	47	45	47	50	52	56	41	36	39	39.3	
OIX OAM	MAX	73	73	68	58	55	68	68	65	63	48	66	76	81	80	80	82	82	73	6													

DAILY TEMPERATURES

KENTUCKY
APRIL 1960

Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
INEZ	MAX	79	78	73	61	54	65	69	68	66	53	69	81	88	86	84	84	84	75	79	86	82	92	92	92	92	87	69	78	84	82	77.7	
	MIN	45	44	53	49	39	29	37	34	27	20	20	50	41	41	45	49	45	42	30	31	44	44	44	49	49	50	55	39	56	53	41.1	
IRVINGTON	MAX	78	72	66	63	57	72	67	64	56	53	71	81	82	83	77	85	78	67	70	83	75	87	89	88	87	79	78	75	72	76	74.4	
	MIN	41	57	49	35	35	29	40	38	29	23	33	56	54	56	58	60	61	33	35	44	57	50	62	61	63	61	43	44	51	58	47.2	
LEITCHFIELD	MAX	79	70	63	65	58	72	66	66	54	51	71	80	82	86	77	84	74	67	69	83	77	86	88	86	86	83	72	73	70	78	73.1	
	MIN	42	56	45	35	33	27	42	40	30	26	34	58	54	56	58	59	55	33	36	48	57	53	61	63	62	62	46	47	53	54	47.5	
LEXINGTON WB AIRPORT	MAX	73	67	59	57	50	66	63	62	40	49	67	75	81	80	74	83	72	59	65	80	68	83	85	86	85	75	67	70	77	72	69.7	
	MIN	44	58	45	41	34	30	43	34	27	24	29	55	53	56	57	57	45	38	37	48	56	53	59	61	64	55	50	46	49	46	46.5	
LONDON FAA AIRPORT	MAX	74	72	61	52	45	69	66	64	42	47	67	77	84	82	77	82	72	61	71	80	70	84	87	85	85	80	64	72	78	68	70.6	
	MIN	34	53	48	43	34	28	42	35	26	24	22	52	43	47	53	52	50	34	35	41	54	48	51	54	53	57	48	41	39	52	43.1	
LOUISVILLE	MAX	77	72	65	63	59	72	66	64	49	52	72	80	85	85	79	85	80	65	70	85	78	89	91	91	89	75	75	75	74	70	74.4	
	MIN	44	57	43	37	38	32	44	41	31	24	32	60	55	62	61	62	63	38	39	43	57	51	60	65	66	63	46	49	49	56	48.9	
LOUISVILLE WB AP	MAX	77	67	57	63	52	73	66	64	43	53	72	81	85	84	78	86	78	62	70	85	73	88	91	91	87	75	74	74	70	75	73.1	
	MIN	45	54	45	39	38	32	44	41	31	30	32	60	55	58	62	65	45	39	40	44	56	51	61	63	65	55	47	49	49	47	48.1	
LOVELACEVILLE	MAX	80	74	65	67	59	78	70	73	63	57	75	80	77	80	80	83	77	65	72	83	77	85	84	85	84	72	71	76	70	71	74.4	
	MIN	45	47	46	29	37	27	40	34	32	22	35	58	54	52	58	61	58	34	34	41	57	50	60	56	61	57	47	50	55	54	46.4	
MAISONVILLE 1 SE	MAX	80	75	72	64	61	75	70	70	65	54	73	81	80	82	79	83	81	67	70	82	81	85	87	86	84	81	72	76	74	75	75.5	
	MIN	39	50	45	31	37	27	43	36	31	26	34	60	53	61	59	61	58	35	32	40	56	49	63	64	64	61	45	42	50	53	46.8	
MAMMOTH CAVE PARK	MAX	79	76	64	63	60	73	71	70	64	53	70	80	81	83	78	86	79	69	72	85	81	88	90	85	87	80	75	76	73	75	75.5	
	MIN	40	58	46	38	38	29	43	36	28	22	32	55	56	58	60	61	59	31	35	48	51	53	60	60	62	59	48	43	50	55	47.1	
MANCHESTER 4 SE	MAX	77	75	69	62	52	68	68	67	61	50	69	80	85	84	82	85	81	71	67	81	71	88	91	89	89	85	71	76	80	72	74.9	
	MIN	39	46	50	46	36	29	47	32	26	18	20	50	39	41	45	47	48	37	28	35	58	47	47	51	50	51	54	57	36	56	41.5	
MAYFIELD	MAX	79	70	66	64	58	78	78	71	65	55	74	78	78	79	78	80	74	62	72	82	77	84	86	82	84	78	72	75	70	72	74.0	
	MIN	46	47	46	32	36	31	44	38	35	26	38	57	54	59	56	60	56	36	37	49	57	52	62	59	63	54	47	50	56	53	47.9	
MAYSVILLE OAM 33	MAX	47	73	72	61	55	49	65	65	60	42	47	67	78	84	80	78	82	77	59	66	81	70	85	88	88	87	74	69	69	79	69.9	
	MIN	43	45	49	44	40	26	26	34	30	28	24	26	44	44	50	50	52	41	31	31	35	44	47	53	57	57	51	42	38	38	40.7	
MIDDLESBORO	MAX	76	76	67	60	54	66	71	70	67	52	67	79	84	82	80	83	80	67	74	79	77	83	89	87	87	87	75	76	78	76	75.0	
	MIN	35	48	49	49	37	28	44	33	30	26	20	54	37	48	52	46	52	40	29	36	51	47	47	49	49	54	57	36	37	55	42.5	
MONTICELLO	MAX	78	73	61	55	52	70	68	67	62	49	70	77	82	82	80	85	80	61	72	81	76	86	88	86	87	80	70	74	80	75	73.6	
	MIN	37	53	51	45	40	26	45	30	27	22	24	59	40	49	54	54	54	33	30	40	59	54	53	54	53	51	52	38	42	63	44.4	
MOUNT STERLING	MAX	73	73	64	62	62	66	65	65	62	47	60	77	83	81	80	84	82	73	67	81	78	84	88	87	89	88	68	71	80	76	73.9	
	MIN	43	53	55	42	34	30	41	40	28	23	29	48	50	54	55	57	60	38	37	44	58	50	58	61	65	61	48	43	45	56	46.9	
MOUNT VERNON	MAX	78	75	62	61	62	64	68	66	66	47	70	77	81	83	79	86	77	75	71	82	81	86	88	87	88	82	71	71	80	77	74.3	
	MIN	36	52	55	44	38	32	44	43	30	21	24	58	43	46	55	54	56	33	52	41	65	49	54	58	54	58	52	40	41	44	44.8	
MURRAY	MAX	81	76	69	65	57	80	76	70	65	56	75	82	80	80	83	84	74	68	73	83	79	83	87	86	86	78	77	76	69	74	75.7	
	MIN	45	45	46	32	36	31	44	36	36	25	37	58	54	59	59	62	53	36	35	48	55	49	62	58	62	56	49	46	55	59	47.6	
OWENSBORO 2 W	MAX	78	73	65	63	55	71	66	64	54	53	73	80	81	82	79	83	76	62	73	83	78	85	86	86	86	77	74	78	72	73	75.6	
	MIN	41	53	45	32	37	30	41	36	30	28	34	54	54	55	57	58	52	37	39	42	57	50	60	59	61	62	47	49	53	50	46.8	
PAUCAH FAA AIRPORT	MAX	79	70	58	64	55	76	65	71	49	54	74	79	75	80	78	82	71	62	71	82	76	83	85	85	84	68	71	77	67	70	72.0	
	MIN	45	48	41	31	36	35	43	39	31	25	41	60	54	58	58	61	45	39	36	49	58	54	65	60	65	53	45	46	56	53	47.7	
PAUCAH	MAX	80	75	69	69	62	79	73	72	66	55	71	78	81	79	83	80	82	68	71	83	81	85	87	86	86	74	73	77	74	73	75.7	
	MIN	45	48	46	46	45	31	45	38	34	29	41	54	54	58	63	60	57	39	38	45	57	52	63	58	65	57	48	47	54	59	49.2	
PIKEVILLE	MAX	81	78	68	62	53	67	70	70	65	52	71	82	90	86	82	85	84	72	75	84	78	89	92	91	91	89	70	77	85	76	77.2	
	MIN	42	48	53	51	44	32	56	42	33	28	23	50	46	47																		

EVAPORATION AND WIND

KENTUCKY
APRIL 1960

Station		Day of month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DIX DAM	EVAP	-	-	.02	.04	.09	.14	.21	.25	.31	.12	.10	.27	.14	.30	.20	.13	.34	.23	.17	.21	.35	.07	.22	.26	.26	.22	.15	.30	.23	.13	B5.85	
	WIND	-	-	41	79	83	132	127	116	127	88	45	47	34	63	58	47	98	168	54	54	171	72	20	46	56	40	63	38	66	6	B2180	
MADISONVILLE 1 SE	EVAP	.00	.14	.26	.00	.14	.11	.22	.28	.22	.17	.17	.39	.30	.33	.33	.21	.09	.20	.19	.19	.12	.14	.28	.29	.28	.33	.14	.28	.10	.10	6.00	
	WIND	30	111	62	39	106	83	105	62	111	88	58	146	70	97	127	88	121	123	35	39	124	52	66	62	59	56	61	54	119	108	2482	
WOLF CREEK DAM	EVAP	-	-	-	-	.09	.18	.24	.24	-	-	-	.26	.14	.36	.05	.31	.18	.18	.16	.37	.10	.10	.27	.37	.16	.10	.32	.25	.25	-	-	
	WIND	90	35	15	15	30	65	20	72	60	61	26	57	12	40	24	28	37	76	26	17	93	41	15	12	16	14	22	54	28	42	1143	

See Reference Notes Following Station Index

SNOWFALL AND SNOW ON GROUND

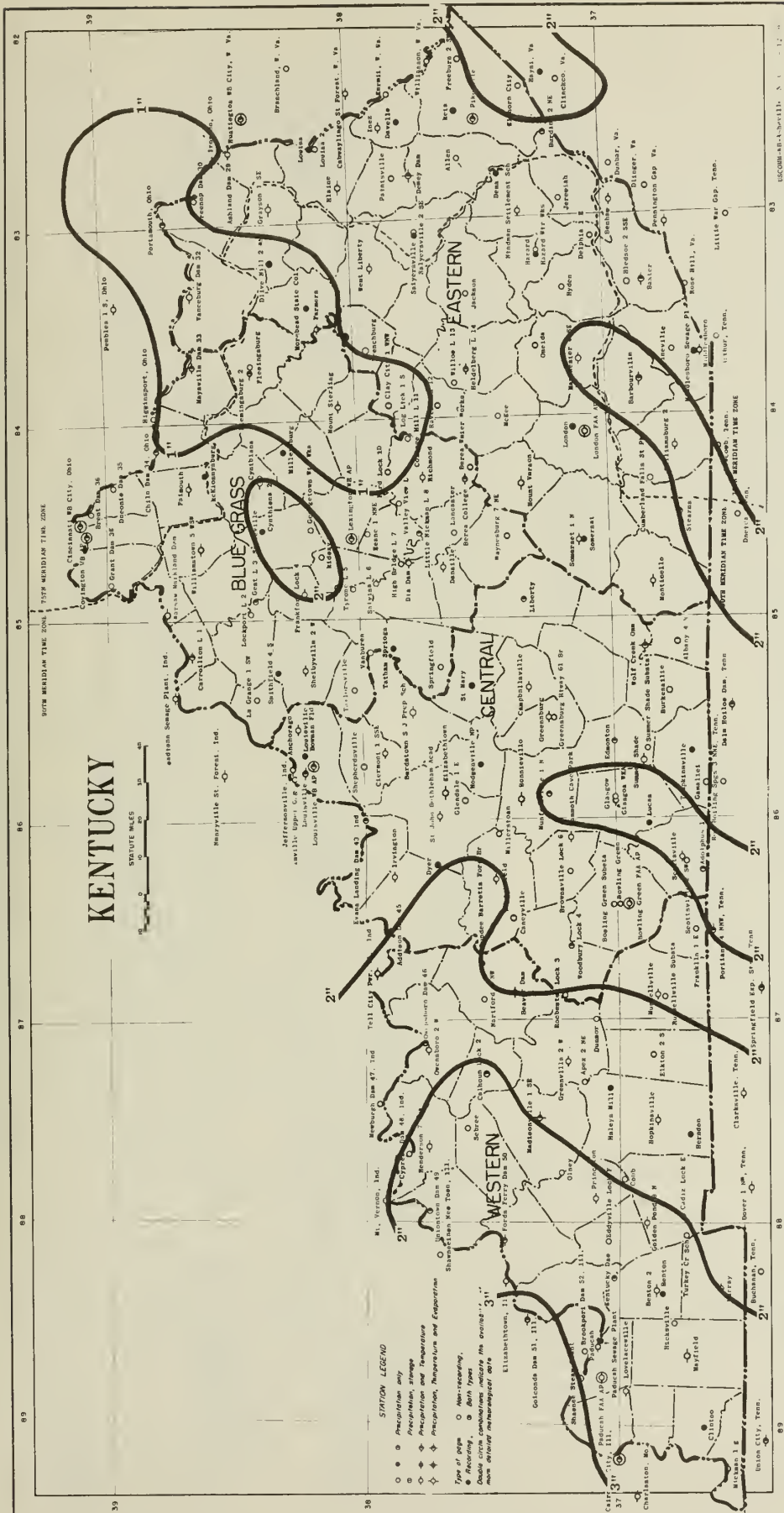
KENTUCKY
APRIL 1960

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BARDSTOWN S J PREP SCHOOL	SNOWFALL SN ON GND									T																						
BENHAM	SNOWFALL SN ON GND						1.0 T																									
COVINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV				T	T				T																						
CYNTHIANA	SNOWFALL SN ON GND										T																					
FARMERS	SNOWFALL SN ON GND									T																						
IRVINGTON	SNOWFALL SN ON GND					T																										
LEXINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV									T																						
LOUISVILLE WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV									T																						
MAMMOTH CAVE PARK	SNOWFALL SN ON GND					T																										
MIDDLESBORO	SNOWFALL SN ON GND						T																									
WILLIAMSTOWN 5 WSW	SNOWFALL SN ON GND										T																					

See reference notes following Station Index.

TOTAL PRECIPITATION

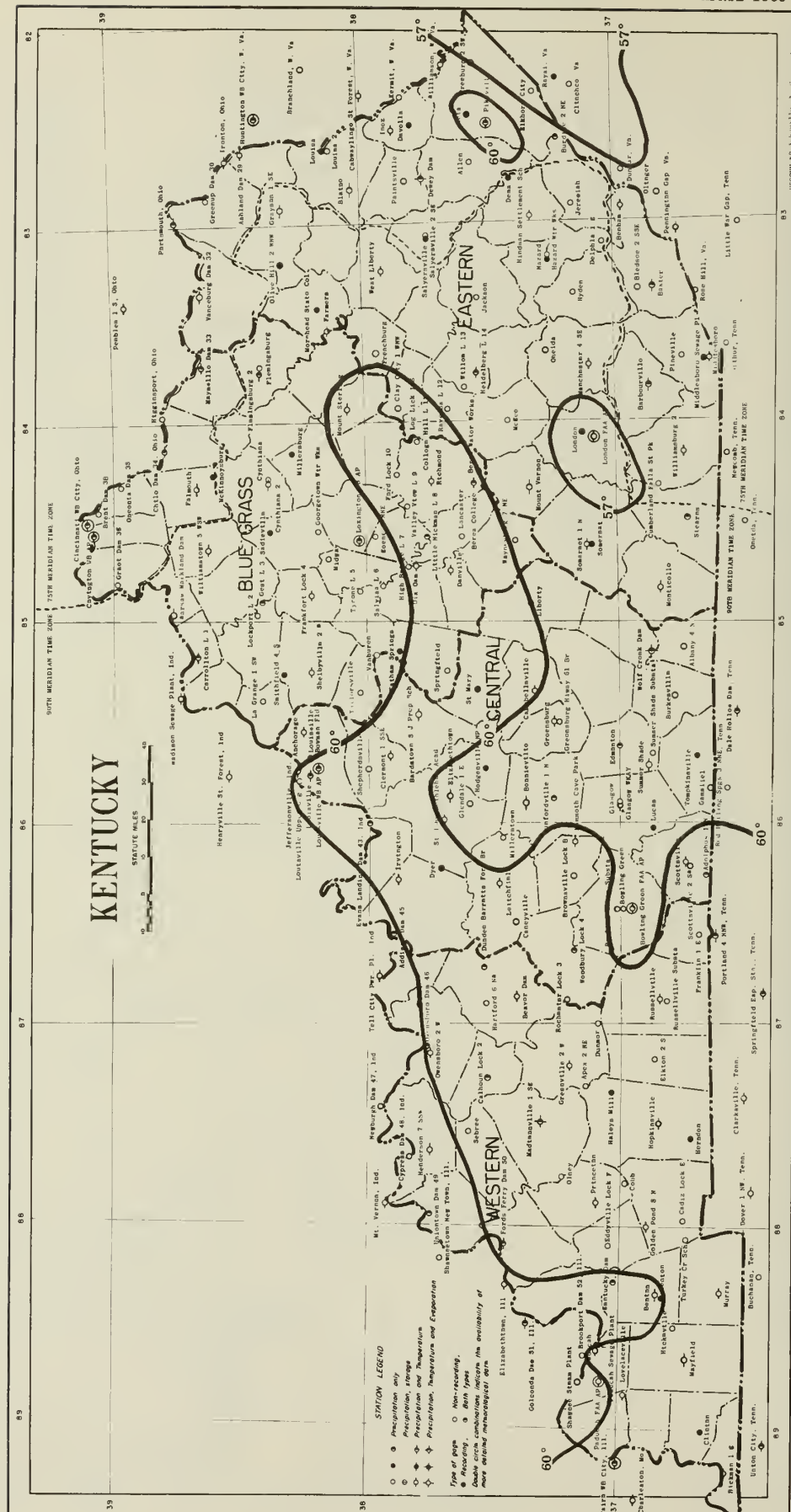
KENTUCKY
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Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

KENTUCKY
APRIL 1960



STATION INDEX

KENTUCKY
APRIL 1960

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
							TEMP.	PRECIP.	EVAP.	SPECIAL		
ADDISON DAM 45	0031	BRECKINRIDGE	7	37 55	86 34	380	6A				C	CORPS OF ENGINEERS
ALBANY 4 N	0043	CLINTON	2	36 45	85 08	1000	7A				C	MRS. BARBARA M. COOL
ALLEN	0095	FLOYD	1	37 35	82 43	658	8A				C	NANNIE AUXIER
ANCHORAGE	0155	JEFFERSON	7	38 16	85 33	700	7P				C	CHARLES G. BARRET
ARPEX 2 NE	0185	MUHLBERG	3	37 08	87 19	510	7A				C	SPENCER PROWSE
ASHLAND DAM 29	0254	INDY	7	38 27	82 36	551	6P				C	CORPS OF ENGINEERS
BARBOURVILLE	0381	KNOX	2	36 52	83 53	1000	6P				C	UNION COLLEGE
BARSTOWN S J PREP SCH	0397	NELSON	8	37 48	85 26	631	5P				C	ST. JOSEPH PREP. SCHOOL
BAXTER	0450	HARLAN	2	36 51	83 20	1164	7A				C	C. J. HOMER NOLAN
BEAVER DAM	0490	OHIO	3	37 25	86 52	441	6P				C	E. G. YOUNG
BENHAM	0595	HARLAN	2	36 58	82 57	1585	8A				C	C. C. WHITEAKER
BENTON	0611	MARSHALL	9	36 51	88 20	395	5P				C	JAMES M. MILLER
BENTON 2	0615	MARSHALL	9	36 51	88 20	305	5P				C	RADIO STATION WBL
BEREA COLLEGE	0619	MADISON	4	37 34	84 18	1070	6P				C	JAMES A. GROSSMAN
BEREA WATER WORKS	0624	MADISON	4	37 33	84 15	1010	7A				C	MRS. LAURA B. GABBARD
BLAINE	0752	LAWRENCE	1	38 02	82 50	670	6P				C	A. ENOCH WHEELER
BONNIEVILLE	0854	HART	3	37 23	85 54	684	5P				C	CITY OF BONNIEVILLE
BOWLING GREEN	0864	WARREN	8	37 00	86 26	536	7A				C	JAMES R. EDWARDS
BOWLING GREEN SUBSTA	0907	WARREN	3	37 01	86 26	470	5A				C	TVA-639
BOWLING GREEN FAA AP	0909	WARREN	3	36 58	86 26	535	MIO				C	FED. AVIATION AGENCY
BRENT DAM 36	0978	CAMPBELL	7	39 03	84 25	497	7A				C	CORPS OF ENGINEERS
BROWNESVILLE LOCK 6	1046	EDMONSON	3	37 12	86 16	410	7A				C	ELORIOE SKAGGS
BURDINE 2 NE	1100	PIKE	8	37 13	82 35	1643	8A				C	GE. V. COX SR.
BURKESVILLE	1137	CUMBERLAND	2	36 47	82 22	600	7A				C	MARVIN M. LEE
CAOZIE LOCK E	1206	TRIGG	2	36 46	87 58	384	7A				C	CORPS OF ENGINEERS
CALHOUN LOCK 2	1227	MC LEAN	3	37 32	87 16	402	7A				C	CORPS OF ENGINEERS
CAMPBELLVILLE	1256	CLARKE	3	37 20	85 21	771	6P				C	ALVA MC KINLEY
CANEYVILLE	1294	GRAYSON	3	37 25	86 30	600	7A				C	CH. V. COX SR.
CARROLLTON LOCK 1	1345	CARROLL	4	38 41	85 11	480	7A				C	CORPS OF ENGINEERS
CECILIA	1406	HAROLD	8	37 40	85 57	734	7A				C	WILLIAM S. VERTREES
CLAY CITY 1 WNW	1576	POWELL	4	37 52	83 56	712	7A				C	JOEL W. MOUNT
CLERMONT 1 SSE	1611	BULLITT	8	37 55	85 40	540	5P				C	BERNHEIM FOUNDATION
CLINTON	1631	HICKMAN	6	36 41	89 00	490	7A				C	WOODSON O. FRANKLIN
COBB	1663	CALDWELL	2	36 59	87 47	390	7A				C	MRS. BENNIE B. WHITE
COLLEGE HILL LOCK 11	1704	ESTILL	4	37 47	84 06	611	7A				C	CORPS OF ENGINEERS
COVINGTON WB AIRPORT	1851	BOONE	7	39 04	84 40	869	MIO				C	U.S. WEATHER BUREAU
CUMBERLAND FALLS ST PK	1949	WHITLEY	8	36 50	84 19	1070	5P				C	KY. DEPT. OF CONS.
CYNTHIANA 2	1998	HARRISON	5	38 23	84 18	684	7A				C	MARSHALL HILL
CYNTHIANA 2	2003	HARRISON	5	38 23	84 17	719	8A				C	KY. CARDINAL DAIRY
DAVILLA	2040	BOYLE	4	37 39	84 46	955	7A				C	R. P. COLDRON
DELPHIA 1 E	2053	MARTIN	1	37 48	82 32	718	7A				C	MRS. E. A. DAVIS
DEMA	2132	PERRY	3	37 02	83 07	1467	8A				C	BALLARD F. WALKER, JR.
DEWEY DAM	2139	KNOTT	1	37 25	82 48	850	7A				C	HATTIE B. BARNY
DIX DAM	2180	FLOYD	1	37 45	82 47	653	7A				C	CORPS OF ENGINEERS
DIX DAM	2214	MERCER	4	37 48	84 43	870	AP				C	PHILLIP O. THACKER
DUKE BARRETT'S FORD BR	2358	OHIO	3	37 33	86 43	440	7A				C	JESSE L. HUFF
DUMOR	2366	MUHLBERG	3	37 05	87 00	592	7A				C	N. O. GIVENS
DYER	2391	BRECKINRIDGE	3	37 43	86 13	793	7A				C	LENA BLAIR
EDDYVILLE LOCK F	2445	LYON	2	37 00	88 05	426	7A				C	CORPS OF ENGINEERS
EDMONTON	2469	METCALFE	3	37 00	85 37	865	7A				C	JOHN E. MORAN
ELIZABETHTOWN	2510	HAROLD	3	37 41	85 57	739	6P				C	RADIO STATION WBL
ELKHORN CITY	2528	PIKE	1	37 18	82 21	800	7A				C	EDMOND O. BENNETT
ELKTON 2	2548	TODD	2	36 47	87 10	520	7A				C	S. RICHARD ANDERSON
FALMOUTH	2775	PENDOLTON	8	36 40	84 20	720	7A				C	W. B. LAMSON
FARMERS	2791	DOAN	5	38 09	83 33	668	AP				C	MRS. C. C. STAMPER
FLEMINGSBURG	2903	FLEMING	5	38 25	83 43	870	7A				C	MRS. JEAN FLEMING
FLEMINGSBURG 2	2908	FLEMING	5	38 25	83 45	911	6P				C	WILLIAM M. FISCHER
FORD LOCK 10	2953	MADISON	4	37 54	86 16	660	6A				C	CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	CRITTENDEN	8	38 06	85 06	565	6P				C	CORPS OF ENGINEERS
FRANKFORD LOCK 4	3028	FRANKLIN	4	38 14	84 52	504	6A				C	CORPS OF ENGINEERS
FRANKLIN 1 E	3036	SIMPSON	3	36 43	86 34	690	7A				C	MRS. KATIE D. NEAL
FREEBURN 2 SW	3046	PIKE	1	37 33	82 10	730	8A				C	MRS. ALTA S. GOOSLIN
FRENCHBURG	3052	MENEFEE	5	37 57	83 39	864	7A				C	MISS ESTHER WILSON
GAMALIEL 1 S	3112	MONROE	3	36 38	85 48	759	7A				C	E. GUY DECARO
GEORGETOWN WATER WORKS	3194	SCOTT	4	38 12	84 33	888	8A				C	WILLIAM F. BRAMBLETT
GEST LOCK 3	3203	HENRY	4	38 25	84 53	490	7A				C	CORPS OF ENGINEERS
GLASSBORO	3241	BARREN	3	37 00	85 55	780	7A				C	EMILY M. BEAM
GLASSBORO WYAY	3246	BARREN	3	37 00	85 55	808	6P				C	RADIO STATION WYAY
GLENDALE 1 E	3252	HAROLD	3	37 36	85 54	710	7A				C	OWEN S. HILL
GOLDEN POND 8 N	3295	TRIGG	2	36 54	88 00	393	AP				C	FISH & WOLF, REFUGE
GRANT DAM 38	3358	BOONE	7	38 59	84 50	503	7A				C	CORPS OF ENGINEERS
GRAYSON 1 SE	3392	CARTER	7	38 19	82 56	900	6A				C	ALBERT G. SWANAGAN
GREENSBURG	3430	GREEN	3	37 15	85 30	630	7A				C	HOWARD PICKETT
GREENSBURG HIWAY 61 BR	3435	GREEN	3	37 15	85 30	590	7A				C	LYNN T. BLAKEMAN
GREENUP DAM 30	3443	GREENUP	7	38 37	82 51	538	7A				C	CORPS OF ENGINEERS
GREENVILLE 2 W	3451	MUHLBERG	3	37 12	87 12	519	5P				C	C. R. LOVELL
HALEYS HILL	3539	CHRISTIAN	3	37 03	82 20	740	8A				C	CLEATUS A. BRINKLEY
HARTFORD 6 NW	3652	OHIO	3	37 32	86 54	429	6P				C	DAVID K. CARSON
HAZARD	3709	PERRY	4	37 15	83 12	869	7A				C	M. A. BAILEY
HAZARD WATER WORKS	3714	PERRY	4	37 15	83 11	880	7A				C	L. E. HOGSTON
HENDERSON LOCK 14	3741	LEE	4	37 33	83 46	663	5P				C	CORPS OF ENGINEERS
HENDERSON 7 SW	3762	HENDERSON	7	37 45	87 38	382	6P				C	H. FRANK STREET
HERNDON	3798	CHRISTIAN	2	36 44	87 34	512	6P				C	C. W. KEATTS
HICKMAN 1 E	3816	FULTON	6	36 34	89 10	362	7A				C	MRS. NELL S. CALVIN
HICKSVILLE	3821	GRAVES	9	36 48	88 30	440	7A				C	TVA-679
HIGH BRIDGE LOCK 7	3837	JESSAMINE	4	37 49	84 43	544	8A				C	CORPS OF ENGINEERS
HINDMAN SETTLEMENT SCH	3899	KNOTT	4	37 20	82 50	1080	8A				C	HINDMAN SETTLEMENT SCH.
HODGENVILLE NAT PARK	3929	LARUE	3	37 32	85 44	788	8A				C	NATIONAL PARK SERVICE
HODKINSVILLE	3994	CHRISTIAN	2	36 51	87 30	540	7A				C	H. NEWELL F. SMITH
HYDEN	4093	LESLIE	4	37 10	83 23	-	7A				C	MRS. FERN F. ELAM
INEZ	4134	MARTIN	1	37 52	82 32	638	6P				C	UNITED FUEL GAS CO.
IRVINGTON	4145	BRECKINRIDGE	3	37 53	86 17	646	7P				C	FLOYD G. ROBBINS
JACKSON	4196	BREATHITT	4	37 33	83 23	795	7A				C	JAMES O. MALONEY
JEREMIAH	4255	LETCHER	4	37 10	82 56	1150	5P				C	HOBART ISON
KEENE 1 NNE	4369	JESSAMINE	4	37 57	84 38	941	7A				C	HUGH W. BURFIN
KENTUCKY DAM	4414	LIVINGSTON	9	37 01	88 16	362	5A				C	TVA-379-A
LA GRANGE 1 SW	4595	OLDHAM	7	38 24	85 24	874	6A				C	ALBERT V. HAROLD
LANCASTER	4620	GARRARD	4	37 37	88 35	1032	8A				C	KENTUCKY UTILITIES CO.
LEITCHFIELD	4703	GRAYSON	3	37 29	86 18	642	6P				C	CLOYE STIKELER
LEXINGTON WB AIRPORT	4746	FAVETTE	4	38 02	84 36	979	MIO				C	U.S. WEATHER BUREAU
LIBERTY	4755	CASEY	3	37 21	84 35	772	7A				C	PALLIA F. HANKLA
LITTLE HICKMAN LOCK 8	4825	JESSAMINE	4	37 45	84 35	521	7A				C	CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	HENRY	4	38 26	84 58	485	6A				C	CORPS OF ENGINEERS
LOGGICK 1 S	4892	CLARK	2	37 53	84 02	775	7A				C	HUBERT BURGER
LONDON	4893	LAUREL	2	37 08	84 02	1195	7A				C	KNOXVILLE FERTILIZER CO
LONDON FAA AP	4898	LAUREL	2	37 05	84 05	1191	MIO				C	FED. AVIATION AGENCY
LOUISA	4943	LAWRENCE	1	38 07	82 37	582	7A				C	CHARLES F. BRANHAM
LOUISA 2	4946	LAWRENCE	1	38 07	82 36	585	8A				C	HAROLD C. FERGUSON
LOUISVILLE	4949	JEFFERSON	7	38 14	85 46	462	6P				C	LOUISVILLE G. & E. CO.
LOUISVILLE BOWMAN FLD	4951	JEFFERSON	7	38 13	85 40	556	7A				C	CORPS OF ENGINEERS
LOUISVILLE WB AP	4954	JEFFERSON	7	38 11	85 44	474	MIO				C	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	JEFFERSON	7	38 17	85 48	403	6A				C	CORPS OF ENGINEERS
LOVELACEVILLE	4967	BALLARD	6	36 58	88 50	370	5P				C	BLAINE MALONE
LUCAS	5002	BARREN	3	36 53	86 02	738	7A				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	HOPKINS	3	37 19	87 29	439	5P				C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	EDMONSON	3	37 11	86 05	800	5P				C	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	CLAY	4	37 06	83 43	850	6P				C	MORA S. WHITE
MAYFIELD	5189	BELL	2	36 37	83 43	1130	7A					

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The station index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

AM Data based on observational day ending before noon.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

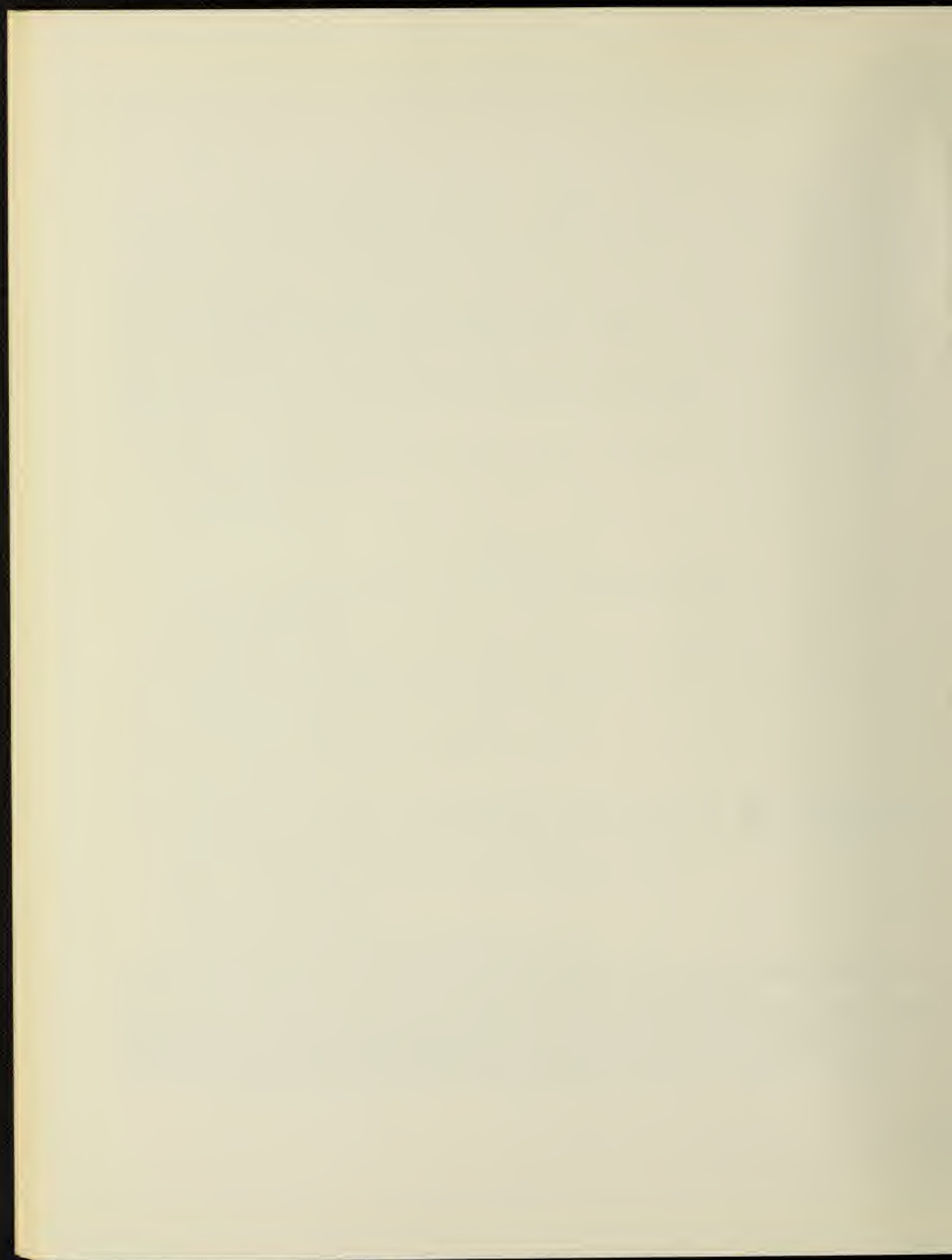
X Observation time is 1:00 a.m., EST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.



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U. S. DEPARTMENT OF COMMERCE
LEWIS L. STRAUSS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

MAY 1960
Volume 55 No. 5



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ASHEVILLE: 1960

KENTUCKY - MAY 1960

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 96° on the 21st at Inez

Lowest Temperature: 27° on the 2nd at Blaine

Greatest Total Precipitation: 6.39 inches at Oneonta Dam 35

Least Total Precipitation: 1.65 inches at Bowling Green Substa

Greatest One-Day Precipitation: 3.00 inches on the 20th at Benton 2

Greatest Reported Total Snowfall: Trace at Benham and Falmouth

CLIMATOLOGICAL DATA

KENTUCKY
MAY 1960

Station	Temperature												Precipitation										
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max. Min.								Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
										80° or Above	32° or Below	32° or Below 60° or Below	60° or Below										
WESTERN																							
BEAVER DAM	75.9	50.4	63.2		89	24	32	2	155	0	0	1	0	3.47		1.09	20	.0	0		8	3	1
BENTON 2	76.3M	46.8M	61.6M		89	24+	32	13+	184	0	0	2	0	4.69		3.00	20	.0	0		7	1	1
FORDS FERRY DAM 50	75.8	52.7	64.3		89	24	35	9	135	0	0	0	0	3.61	.14	1.00	21	.0	0		7	3	1
GOLDEN POND 8 N	77.9	48.5	63.2		89	29	31	9+	142	0	0	2	0	2.52		1.30	20	.0	0		7	1	1
GREENVILLE 2 W	74.9M	51.0M	63.0M	- 2.4	88	24	32	2	152	0	0	1	0	3.42	-.35	.80	19	.0	0		9	3	0
HENDERSON 7 SSW	74.1	52.5	63.3	- 2.8	87	24	35	9	142	0	0	0	0	3.33	-.54	.93	7	.0	0		8	2	0
HICKMAN 1 E	76.9	53.0	65.0		91	25	36	13+	133	3	0	0	0	4.16		1.12	19	.0	0		7	4	2
HOPKINSVILLE	76.5	51.4	64.0	- 2.6	89	24	33	9	141	0	0	0	0	2.58	- 1.42	.75	21	.0	0		5	2	0
LOVELACEVILLE	76.9	51.5	64.2	- 2.9	89	23	34	13+	135	0	0	0	0	3.80	-.17	1.52	20	.0	0		6	3	1
MADISONVILLE 1 SE	76.1	51.0	63.6		92	18	34	2	140	1	0	0	0	2.58		1.00	21	.0	0		7	1	1
MAYFIELD	76.5	52.5	64.5		88	24	36	12+	122	0	0	0	0	4.15		2.14	21	.0	0		6	2	1
MURRAY	77.1	52.9	65.0	- 2.4	90	24+	35	1	125	2	0	0	0	3.92	-.16	1.11	20	.0	0		8	2	1
OWENSBORO 2 W	74.7	52.6	63.7	- 2.1	87	25+	36	2+	142	0	0	0	0	3.96	.13	1.34	21	.0	0		9	2	2
PADUCAH FAA AIRPORT	75.0	52.6	63.8		88	29	35	2	135	0	0	0	0	4.60		1.72	20	.0	0		8	2	2
PADUCAH	77.8	52.2	65.0		90	23	35	13	116	1	0	0	0	4.83	.81	1.26	7	.0	0		8	4	1
PRINCETON	76.5	50.3	63.4	- 3.3	90	23	33	9	141	1	0	0	0	2.84	- 1.13	1.60	20	.0	0		5	1	1
RUSSELLVILLE	76.9	50.6	63.8	- 2.4	92	24	32	2	150	3	0	1	0	1.91	- 1.71	.83	27	.0	0		5	1	0
DIVISION			63.8	- 2.7										3.55	-.42			.0					
CENTRAL																							
ADDISON DAM 4S	75.5	49.0	62.3		92	25	36	9+	164	1	0	0	0	4.16	.19	1.71	21	.0	0		7	3	1
ANCHORAGE	72.2	49.0	60.6	- 3.0	85	20	32	2	184	0	0	1	0	4.95	.93	1.29	27	.0	0		8	5	2
BARSTOWN 5 J PREP SCH	74.8	50.7	62.8		87	24+	32	8+	162	0	0	2	0	3.76		1.20	24	.0	0		8	2	1
BONNIEVILLE	75.4	50.4	62.9		89	24	31	2	167	0	0	2	0	2.56		.64	20	.0	0		6	2	0
BOWLING GREEN FAA AP	75.7	50.3	63.0	- 4.3	90	25+	33	2	163	2	0	0	0	1.73	- 2.08	.69	20	.0	0		5	1	0
CAMPBELLSVILLE	75.2	51.0	63.1		89	24	33	2	153	0	0	0	0	2.14		.64	7	.0	0		6	2	0
CECILIA	74.5	47.9	61.2	- 3.5	90	25	32	8	189	1	0	1	0	2.53	- 1.56	.92	27	.0	0		6	2	0
CLERMONT 1 SSE	76.4	49.7	63.1		90	24	30	2	162	1	0	2	0	2.75		.81	27	.0	0		7	2	0
ELIZABETHTOWN	74.0	50.3	62.2		87	25+	33	8+	164	0	0	0	0	2.85		.84	26	.0	0		7	1	0
GLASGOW WKAY	74.5	49.8	62.2		89	24	33	8	170	0	0	0	0	2.65		.78	7	.0	0		6	3	0
GREENSBURG	75.9	49.3	62.6	- 2.9	91	25	32	2	166	1	0	1	0	3.03	- 1.29	.65	27	.0	0		7	3	0
IRVINGTON	75.5	50.5	63.0	- 2.6	89	24	33	2	159	0	0	0	0	4.13	.26	1.43	20	.0	0		7	2	2
LEITCHFIELD	74.9	51.8	63.4	- 2.4	89	24	36	9+	148	0	0	0	0	2.94	-.99	.88	27	.0	0		6	1	0
LOUISVILLE	75.9	52.2	64.1		90	19	36	8	141	1	0	0	0	2.87		1.16	20	.0	0		5	1	1
LOUISVILLE WB AP	75.6	52.2	63.9	- 1.4	90	19	36	8	151	1	0	0	0	3.52	-.41	1.28	20	.0	0		6	3	2
MAMMOTH CAVE PARK	74.8	51.3	63.1		87	24+	32	2	154	0	0	1	0	3.06		1.09	20	.0	0		5	2	1
SCOTTSDALE	76.2	50.9	63.6		89	24	31	2	145	0	0	1	0	2.75	.88	.7		.0	0		6	2	0
SUMMER SHADE	76.1	50.5	63.3		90	24	34	2	154	1	0	0	0	3.83	1.45	.7		.0	0		6	3	1
WOLF CREEK DAM	76.2	46.8	61.5		90	25	30	2	177	1	0	1	0	3.44	.78	.27		.0	0		9	2	0
DIVISION			62.7	- 2.9										3.14	-.79			.0					
BLUE GRASS																							
BEREA COLLEGE	74.6	50.5	62.6	- 2.9	89	20	32	2	158	0	0	1	0	3.36	-.47	1.14	7	.0	0		6	3	2
CARROLLTON LOCK 1	73.0	49.9	61.5		86	20	32	2	170	0	0	1	0	3.31	.02	.82	27	.0	0		9	2	0
COVINGTON WB AIRPORT	70.8	50.9	60.9	- 1.6	88	20	35	8	187	0	0	0	0	3.22	-.23	.46	29	.0	0		13	0	0
CYNTHIANA 2	72.3	47.5	59.9		88	21	30	3	212	0	0	3	0	3.66		.65	27+	.0	0		12	2	0
DANVILLE	72.2	49.8	61.0		87	21	34	8	184	0	0	0	0	3.59	-.55	.93	27	.0	0		9	3	0
DIX DAM	74.1	50.8	62.5		87	20	34	9+	162	0	0	0	0	3.28		1.16	27	.0	0		6	2	1
FALMOUTH	73.3	48.3	60.8		87	26+	32	2	183	0	0	1	0	4.33	.57	.91	25	T	0		11	3	0
FLEMINGSBURG 2	73.1	49.1	61.1		88	20	31	2	176	0	0	1	0	4.48		1.25	7	.0	0		8	3	2
FRANKFORT LOCK 4	72.1	49.0	60.6	- 3.9	87	21	35	2	193	0	0	0	0	3.20	-.68	.69	27	.0	0		7	3	0
LEXINGTON WB AIRPORT	71.9	51.3	61.6	- 2.5	87	20	36	9	174	0	0	0	0	4.03	.47	1.12	26	.0	0		6	3	2
MAYSVILLE DAM 33	71.1	47.0	59.1	- 4.3	86	21	31	2	219	0	0	1	0	4.20	.58	.64	8	.0	0		11	2	0
MOUNT STERLING	74.9	50.7	62.8		87	26+	35	2	159	0	0	0	0	4.20	.13	1.70	7	.0	0		6	4	1
RICHMOND	72.3	50.3	61.3		85	27+	33	8	180	0	0	0	0	4.82		1.15	7	.0	0		8	4	3
SHELBYVILLE	71.1	49.9	60.5	- 3.7	85	21	34	8	193	0	0	0	0	4.19	.13	1.39	27	.0	0		7	4	1
WARSAW MARKLAND DAM	74.0	48.4	61.2		94	20	35	2	170	1	0	0	0	5.57		2.34	27	.0	0		10	3	1
WILLIAMSTOWN 5 WSW	70.7	48.5	59.6	- 5.6	86	21	33	9	207	0	0	0	0	3.49	-.38	.65	21	.0	0		9	2	0
DIVISION			61.1	- 3.7										3.93	.08			T					
EASTERN																							
ASHLAND DAM 29	74.4	50.6	62.5	- 2.8	90	20	37	2	142	1	0	0	0	3.45	-.43	1.10	8	.0	0		9	2	1
BARBOURVILLE					90	26+				3	0	0	0	3.54				.0	0		8		
BAXTER	74.3	47.3	60.8		89	27+	33	2	181	0	0	0	0	3.19		.99	25	.0	0		7	3	0
BENHAM	73.5	46.5	60.0		90	21	30	2	198	1	0	1	0	3.12		.77	8	T	0		8	1	0
BLAINE	75.0	46.3	60.7		89	26+	27	2	174	0	0	1	0	3.56		1.17	27	.0	0		8	3	1
DEWEY DAM	74.5	48.7	61.6		90	21	32	2	161	1	0	1	0	3.19		.90	8	.0	0		6	2	0
FARMERS	75.7	47.4	61.6	- 2.8	89	26+	29	2	160	0	0	1	0	4.18	.16	.75	27	.0	0		10	4	0
GRAYSON 1 SE	72.6	48.3	60.5		89	21	29	2	194	0	0	2	0	3.83		1.03	8	.0	0		10	2	1
HEIDELBERG LOCK 14	76.9	47.7	62.3		89	27+	30	2	146	0	0	1	0	3.17	-.61	1.73	8	.0	0		7	1	1
HINDMAN SETTLEMENT SCH	74.8	45.6	60.2		90	21+	29	3	185	2	0	2	0	3.17		.92	25	.0	0		8	2	0
INEZ	78.5	48.0	63.3		96	21	32	2	130	5	0	1	0	3									

CLIMATOLOGICAL DATA

KENTUCKY
MAY 1960

CONTINUED

Station		Temperature										Precipitation																
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No of Days						
											Max								Min				Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
											90° or Above	80° or Above	70° or Above	60° or Above					32° or Below	20° or Below	10° or Below	0° or Below						
MOUNT VERNON		77.5	51.0	64.3		94	20	33	2	123	3	0	0	0	2.40	- 1.68	.40	1	.0	0		9	0	0				
PIKEVILLE		74.1	49.2	61.7		88	26	33	8	165	0	0	0	0	3.02		1.33	7	.0	0		5	2	1				
SOMERSET 1 N		73.3	49.5	61.4		89	20	33	2	166	0	0	0	0	4.72	.68	1.18	8	.0	0		11	4	1				
VANCEBURG DAM 32		73.5	48.2	60.9		89	21	29	2	188	0	0	1	0	3.38		1.26	8	.0	0		6	3	1				
WEST LIBERTY	AM																											
WILLIAMSBURG 2	AM	77.8	47.8	62.8	- 3.3	93	21	31	2	162	6	0	2	0	4.15	.12	1.51	8	.0	0		8	2	2				
DIVISION				61.7	- 3.5										3.59	- .40			T									

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation								Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00 a EST	6:00 a EST	12:00 p EST	6:00 p EST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total			
COVINGTON WB AIRPORT	SSW	14	9.1	33	WSW	20	79	81	54	59	4	4	13	0	0	0	21	-	7.4	
LEXINGTON WB AIRPORT	S	13	8.3	-	-	-	77	83	53	61	4	3	3	1	2	0	13	-	6.4	
LOUISVILLE WB AIRPORT	W	11	7.4	35	S	6	78	83	51	54	6	5	3	1	2	0	17	47	6.6	

See Reference Notes following Station notes

DAILY PRECIPITATION

KENTUCKY
MAY 1960

Station	Total	Day of month																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
ADDISON DAM 45	4.16	.26						.55			.04	T									.03	1.71				.59	.24	.43	.18	.08	.05	*			
ALBANY 4 N	3.40							1.18	.68				.15									.21				.39	.59	.16	.04			*			
ANCHORAGE	4.95						.02	.56	T		.10	.03	.01								T	1.02			.76	.02	.88	.19	.10	.14		*			
APEX 2 NE	1.90	.05						.41					.02								.06	.74				.19	.21	.08	.14		*				
ASHLAND DAM 29	3.45	.29						.05	1.10	.05	.15	.57	.06	.28	.08	.03								.10		.22	.02	.05	.29	.10	.01	*			
BARBOURVILLE	3.54	.13						*	1.71				.01									.53				.17	.70	.14	.15		*				
BARSTOWN 5 J PREP SCH	3.76						.04	.38		.02	.04										.30	.29			1.20	.15	.30	.70	.34		*				
BAXTER	3.19	.37							.65			T	.07	.03								.10	1.09		.02	.99	.30	.53	.13		*				
BEAVER DAM	3.47						.20	.42		T	.05	.01	.03												.31	.49	.52	.10	.58		.06	*			
BENHAM	3.12	.22						.05	.77	T		.08	.15	.03									.04	.36			.49	.27	.26	.40		*			
BENTON 2	4.69						.28												.12	.36	3.00					.19	.33	.08		.09	.33	*			
BEREA COLLEGE	3.36							1.14				.03	.08	.12												.56	.18	.11	1.05			*			
BEREA WATER WORKS	3.51							.44	.92			.03	.07	T													.68	.83	.43	.11		*			
BLAINE	3.56	.02						.63	.20	.20	.10	T		.36								.16	.07			.58			.17	.07		*			
BONNIEVILLE	2.56					T	.07	.44	T	.05	T	T										.64			.21		.55	.40	.20		*				
BOWLING GREEN	2.28	.35						.35				.04										.03	.49					.38	.31	.31	.02	*			
BOWLING GREEN SUBSTA	1.65	.04						.30				.01										T	.55			*		.47	.28	T		*			
BOWLING GREEN FAA AP	1.73					T	.22	.13	T	T	T	.02	T									.69	.18	T	.05	.02		.33	.30	.02		*			
BRENT DAM 36	4.71	.21						.15	.03	.06	T	.34	.25	.06	.25					T							.08	.31	1.68	.51	.25	.30	T	*	
BROWNSVILLE LOCK 6	2.29	T						.37														.02	.79				.06	.45	.75	.30	T	*			
BURDINE 2 NE	2.78							.75				.05	.20			.05											.65	.15	.32		.17	*			
BURKESVILLE	2.69							.50	T	T				.14	T	.05											.40	1.15		.20	.11		*		
CADIZ LOCK E	2.34	.05					.08	.86														.36	.12	.45				.16	.14	T		.12	*		
CALMOUR LOCK 2	2.81	.05					T	.58			.05	T	.01														.08	.06	.20	.20	.13	*			
CAMPBELLSVILLE	2.14	.19						.64	.03	T	.02	.01	.01												.10			.61	.16	.01		*			
CANEYVILLE	2.93	.08						.46		.02	.06	.01	T														.01	.63		.27	.02	.02	*		
CARROLLTON LOCK 1	3.31	.05						.35	T		.10	.12	.04	T	T												.65		.82	.12	.03	.38	*		
CECILIA	2.53	.04						.21			.04	.01	T														T	.32		.22	.14		*		
CLAY CITY 1 WNW	3.96	.18						.43	.70	.08	T	.05	T														.10	.95	.35	.17		*			
CLERMONT 1 SSE	2.75	.26					.02	.20	T	.01	.02	T	.01														.24	.35		.20	T	*			
COBB	2.75	.13						.92														.11	.10	.94				.10			.45	*			
COLLEGE MILL LOCK 11	4.27	.24						.55	.68	T	.04	.06	.04	T													.96	1.10	.29	.29	.02	*			
COVINGTON WB AIRPORT	3.22	T					.01	.16	.06	.15	.43	.12	.10	.02								T	.25	T	.03	.20	.29	.36	.34	.14	.46	.10	*		
CUMBERLAND FALLS ST PK	3.51	.25						2.50	.04				.06														.04	.39	.11	.04		*			
CYNTHIANA	3.46	.42						.26	.25	T	.15	.21	T	.10	.01										T		.65	.02	.47	.66	.12	T	*		
CYNTHIANA 2	3.66	.45						.40	.16	.10	.17	.18	.11	.03													.13	.65	.65	.48	.13	.02	*		
DANVILLE	3.59	.23						.82	.24	T	T	.02	T														.16	.58	.02	.93	.31	.18	.10	*	
DELMPIA 1 E	3.70							.60																			.01	.37		.38	.13		*		
DEWEY DAM	3.19	.26						.39			T	.04	.05	.03	.03													.54	.42	.45	.44	*			
DIX DAM	3.28	.35						.75	T	T	.01	.03																.08	.26	T	1.16	.44	.20	*	
DUNDEE BARRETT'S FORD BR	3.78	.10						.83			.05																	.06	1.25		.28		.04	*	
DUNMORE	2.13	.06						.46																				.04	.77		T		*		
EDDYVILLE LOCK F	3.24	.03					.06	.50			.02														.14	.19	1.60	.38	.05	T	T	.27	*		
EDMONTON	3.76							1.50																				.52		1.02	.42	.30	*		
ELIZABETHTOWN	2.85						.07	.10	T		.08	T														.37	.52		.49	.25	.84	.31	.34	T	*
ELKHORN CITY	3.29	.32							.48			.12	.12	.16	.10													.35	.05	.12	.20	.35	.37	*	
ELKTON 2 S	2.13	T						.60																			.05	.10	.80				*		
FALMOUTH	4.33	.64						.31	.19	T	.18	.39	T	.14	T													.91	.15	.48	.58	.04	.03	*	
FARMERS	4.18	.28						.27	.64	T	.09	.20	T	.30	.02													.60	.10	.75	.34	.55	.04	*	
FLEMINGSBURG	4.05	.25						.86	.44		.16	.20		.20	.06													.44	.34	.78	.26	.06	*		
FLEMINGSBURG 2	4.48							1.25	T	.08	.43	.11		.19	.02													.01		T		.24	.05	*	
FORD LOCK 10	5.18	.60						1.13	.89	.07	.01	.05	T	T														.36	.72	.85	.24	.26	*		
FORDS FERRY DAM 50	3.61	.02					.03	.99			.01	T															.13	.27	1.00		.16	.68	*		
FRANKFORT LOCK 4	3.20	.25						.51	T	T	.06	.12	T	.04														.22		.42	.07	.08	*		
FRANKLIN 1 E	2.54							.78																				T	.71				*		
FREEBURN 2 SW	2.31	.29						.45	.06		.32	.12																							

DAILY PRECIPITATION

KENTUCKY
MAY 1960

CONTINUE

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ONEIDA	4.07							.63	1.19	.08			T	.04								.26					.84	.18	.72	.13			
ONEIDA DAM 35	6.39	.67						.08	.08	.07	.33	.29	T	.29	T							.51	T	.15			.28	.33	1.54	.66	.76	.35	T
OWENSBORO 2 W	3.96	.26						.13			.06	.02	T								.02	.10	1.34			.28	.15	.16	.17	.04	.23		
OWENSBORO DAM 46	4.15	.22						.13			.05	.02	T								.08	1.40				.28	.15	.11	.19	.03	.28		
PADUCAH FAA AIRPORT	4.60				.12	1.35					T	.02								.13	.34	1.72			.37		.21						
PADUCAH	4.83				.93	.67	1.26	.85				.14	.03	.06	.05							.31	.73			.41		.38	.11	.53	.40	T	
PAINTSVILLE	2.44							.33	.18	.01		.11	.12	.04										.05	.03		.28	.38	.33	.14			
PIKEVILLE	2.40	.40						.05	1.34			T	.05	T												.22	.21	.61	.19	.30	.01		
PINEVILLE	3.28																									.30							
PRINCETON	2.84					.39													.09			1.60											
RAVENNA LOCK 12	3.69							.05	1.10	.06	.06	.08	.06									.15					1.05	.75	.45	.09			
RICHMOND	4.82	.18						1.15	.57	.04	.06	.08	.02	.02								.76					1.06	1.06	.22	.16	.05		
ROCHESTER LOCK 3	2.37	T				T		.75			T	.03															.31	.38	.07	.07			
RUSSELLVILLE	1.91					.01		.38				.02	T								.06	.10	.33				.19	.83					
RUSSELLVILLE SUBSTA	2.23	T						.40					T								.05	.10	.38				.31	.88	.06	.05			
SALVISA LOCK 6	3.60	.14						.51	.02	T	.01	.05	T	T									.44				1.07	.03	.53	.66	.14		
SALYERSVILLE 2 SE	2.91	.09						1.05				.08	.01	.06	.02												.73	.21	.46	.20			
SCOTTSVILLE	2.75						.16	.88																									
SCOTTSVILLE 2 SW	2.53							.94													.02	T	.25		.28		.23	.57	.52				
SEABREE	4.36						1.30			.30	.20																.28						
SEABREE	4.36						1.30			.30	.20																.28						
SHAWNEE STEAM PLANT	-	.02					.08	1.10				T	T	-						.40	.20	.98					.31	.10				.21	
SHELBYVILLE	4.19	.24						.24			.01	.11	T									.96					.63	.02	1.39	.55	.04		
SHEPHERDSVILLE	4.13	.18						.30																			.21	1.42	.78	.83	.10		
SOMERSET 1 N	3.02	.21					.04	1.33	.03			T	.07	.01												.06	.20	.03	.81	.21	.02		
SPRINGFIELD	3.79	.63						.49					.10										.21				1.06	.75	.42	.13			
STEARNES	3.56	.10						.81	1.88			.08															.10	.42	.12	.05			
SUMMER SHADE	3.83					.05		1.45	T			.06	.05										.70			.14	.04	.30	.67	.42			
SUMMER SHADE SUBSTA	3.80							1.27	.02		.02	.08	.06														.21	1.14	.40	T	.09		
TAYLORSVILLE	3.82	.36						.36			.06	.08	T														.55	.30	.68	.38	.20	.05	
TURKEY CREEK SCHOOL	3.70	.02					.20	.78				.03									.72	.14	1.20				.35	.03	.04		.01	.18	
TYRONE LOCK 5	3.55	.20						.68	.04		.05	.09		.03	T												.87	.12	.48	.61	.11		
UNIONTOWN DAM 49	3.41	.05				.06		.74																			.19			.41			.25
VALLEY VIEW LOCK 9	3.84	.65						1.14	.14	T	.04	.05		.01	T						.25	.83	.63				.40	T	.64	.78	.22	.10	
VANBUREN	3.66	.13						.67			.02	.06															.70	.09	.85	.60	.18	.09	
VANCEBURG DAM 32	4.72							.21	1.18	.04	.31	.53	T	.26	.03											.11	.58	.18	.70	.37	.18	.04	
WARSAW HARKLAND DAM	3.57	.06						.29	T	.04	.14	.16	T	.02													.46	T					.29
WAYNESBURG 7 NE	4.07	.24						.84	.58	.03	T	.04	.13														.94	.98	.16	.11			
WEST LIBERTY	3.38	.07						.06	1.26	.03	.02	.11		.04	.09	.04											.40	.55	.52	.09			
WILLIAMSBURG 2	4.15	.16						.88	1.51	.02		.06															1.11		.29	.25	.12	.17	
WILLIAMSBURG 5 WSW	3.49	.27						.28	.03	.06	.15	.24	.03	.05	T												.65	.60	.28	.49	.26	.04	.06
WILLOW LOCK 13	3.38	.08						.18	1.57		.03	.02	.01															.81	.25	.33	.10		
WOLF CREEK DAM	3.44	.18						.44	.53	.04			.11														.42	.78	.29	.04	.41		
WOODBURY LOCK 4	2.97	.04						.29		.04	.02	.03	T								.04	1.03					.44	.75	.29				

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Odelayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Observations, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The station index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 8:00 a.m., C.D.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
- Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table, and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- O Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., EST of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

DAILY TEMPERATURES

KENTUCKY
MAY 1960

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AODISON OAM 45	MAX MIN	79 36	73 38	74 38	80 38	82 40	83 52	75 36	55 36	55 36	50 40	50 40	53 38	58 40	68 42	79 47	83 52	86 60	88 55	84 55	88 61	84 56	81 57	82 56	83 56	92 54	89 60	85 60	70 58	70 56	84 55	80 55	75.5 49.0
ANCHORAGE	MAX MIN	60 34	68 32	76 39	79 45	78 48	73 56	70 45	53 33	45 37	44 40	54 40	57 37	64 39	77 39	81 47	82 58	83 62	78 49	84 60	85 60	77 58	78 61	79 53	82 53	81 56	82 60	69 56	56 58	78 61	77 51	79 62	72.2 49.0
ASHLAND OAM 29	MAX MIN	71 47	68 37	77 42	83 44	83 47	80 55	76 53	60 44	50 39	48 42	54 40	52 44	54 42	72 44	83 41	83 52	89 59	82 54	84 50	90 61	82 63	83 57	75 53	83 55	75 58	87 61	73 61	71 55	80 54	78 60	79 54	74.4 50.6
BARBOURVILLE	MAX MIN	71 45												55 42	63 40	72 32	80 42	84 45	85 55	88 59	85 90	90 56	85 44	85 53	88 49	89 54	90 55	89 57	74 49	84 58	82 50	81 53	
BAROSTOWN S J PREP SCH	MAX MIN	63 36	69 32	78 39	81 47	80 52	76 69	74 48	54 32	48 35	55 41	55 40	57 39	67 38	79 39	82 47	84 58	87 68	84 54	87 61	86 63	79 60	82 69	83 53	87 53	85 55	85 62	73 59	65 56	82 53	80 63	81 52	74.8 50.7
BAXTER	MAX MIN	69 46	64 33	72 35	77 40	78 43	75 46	68 60	64 42	57 41	55 36	59 40	48 38	54 40	58 36	73 38	81 44	82 50	85 54	85 50	89 58	82 45	85 50	81 51	86 53	84 58	89 60	72 51	73 52	80 55	80 54	74.3 47.3	
BEAVER OAM	MAX MIN	61 35	71 32	77 30	82 46	77 53	74 57	68 48	59 35	52 35	50 41	52 41	61 37	70 36	81 38	85 49	85 61	85 65	86 55	86 63	84 65	81 55	84 61	85 58	89 58	87 58	86 64	76 56	74 56	85 57	81 59	75.9 50.4	
BENHAM	MAX MIN	72 45	63 30	70 39	75 43	80 43	77 48	75 50	54 42	50 38	55 39	58 38	50 38	49 38	60 35	75 38	82 45	81 54	85 61	84 53	87 58	90 59	84 43	79 52	80 47	86 53	85 55	88 59	82 50	73 52	77 52	71 46	73.5 46.5
BENTON 2	MAX MIN	61 34	69 32	77 36	80 36	78 36	75 37	68 34	64 36	63 33	61 40	50 39	63 40	70 32	78 41	79 51	85 58	87 59	85 58	81 63	81 62	78 49	85 61	89 55	89 56	87 56	83 55	80 56	81 52	82 54	81 52	76.3 46.8	
BEREA COLLEGE	MAX MIN	61 40	70 32	77 41	82 46	79 51	74 60	74 46	56 33	51 35	56 41	52 38	53 40	63 42	77 40	82 48	83 46	86 66	86 53	83 57	89 63	82 65	85 62	84 54	85 62	88 56	71 54	68 57	82 61	79 54	77 54	74.6 50.5	
BLAINE	MAX MIN	70 46	71 27	80 34	83 37	82 38	80 43	75 54	54 43	50 36	55 40	56 39	49 41	54 42	74 38	82 35	82 46	85 55	80 48	85 47	89 56	83 46	83 50	83 51	84 57	89 60	75 57	70 52	80 53	80 55	81 50	75.0 46.3	
BONNIEVILLE	MAX MIN	61 34	69 31	77 37	82 41	79 47	74 57	69 49	61 32	52 37	51 42	52 40	56 38	67 36	79 40	82 48	86 59	86 55	87 58	85 60	87 66	79 68	83 61	84 55	89 54	87 62	73 54	68 56	84 62	80 64	82 64	75.4 50.4	
BOWLING GREEN FAA AP	MAX MIN	62 36	68 33	77 38	79 46	76 50	72 57	64 38	53 34	54 41	55 42	51 41	58 42	70 37	81 40	81 48	83 60	88 66	87 57	85 63	81 59	86 62	87 57	90 58	90 58	88 61	75 56	78 56	85 58	81 59	80 55	75.7 50.3	
CAMPBELLSVILLE	MAX MIN	68 37	71 33	78 41	80 46	79 52	74 60	72 49	56 34	49 36	54 41	52 41	55 40	66 37	78 40	81 48	82 58	85 66	87 57	83 63	87 65	79 59	83 62	84 57	89 55	86 54	87 63	71 59	66 56	84 62	82 53	75.2 51.0	
CARROLLTON LOCK 1	MAX MIN	65 41	68 32	77 37	80 41	78 47	77 60	74 47	53 41	48 38	45 40	53 40	53 42	59 43	76 40	82 48	82 58	85 65	80 43	86 54	72 61	77 63	82 50	82 53	81 61	83 58	74 58	67 55	78 53	79 63	81 54	73.0 49.9	
CECILIA	MAX MIN	73 34	60 33	70 35	76 41	79 40	78 54	73 48	57 32	57 34	50 41	53 42	54 37	56 37	67 40	80 48	84 54	85 60	85 54	86 62	84 57	80 55	84 57	84 55	90 54	85 58	86 58	75 54	74 62	82 51	79 54	74.5 47.9	
CLERMONT 1 SSE	MAX MIN	74 33	68 30	78 37	81 43	82 49	80 61	75 48	54 32	49 33	48 41	56 39	56 38	66 38	79 41	85 46	85 61	86 67	87 59	88 64	79 58	82 66	83 53	90 53	85 56	88 61	81 59	68 56	82 51	84 63	83 52	76.4 49.7	
COVINGTON W8 AIRPORT	MAX MIN	56 41	70 37	78 47	81 51	80 57	75 61	67 39	51 35	44 36	42 38	51 40	50 41	52 43	72 40	80 48	82 58	81 60	73 56	83 64	78 61	74 60	78 53	82 60	81 55	82 58	64 55	66 55	78 54	76 62	81 56	70.8 50.9	
CYNTHIANA 2	MAX MIN	73 41	60 31	74 30	76 45	80 58	80 58	76 53	61 38	53 38	46 38	53 37	52 38	54 37	75 40	80 52	82 52	81 44	85 58	88 63	80 60	80 55	81 49	84 55	86 60	86 61	67 55	68 50	78 51	72 49	72.3 47.5		
DANVILLE	MAX MIN	71 38	60 35	68 39	76 45	79 51	78 55	73 56	60 34	54 36	46 37	50 39	51 39	50 41	64 42	77 49	81 57	81 60	83 53	81 56	80 59	87 63	79 61	83 55	82 55	85 57	85 56	68 53	67 57	81 60	76 54	72.2 49.8	
DEWEY OAM	MAX MIN	75 51	63 32	70 35	78 39	81 41	80 44	70 52	60 40	54 40	52 41	60 42	54 41	54 41	74 43	81 49	81 51	86 53	80 51	85 51	90 60	83 64	82 58	80 54	84 56	88 59	88 56	72 53	71 56	81 55	79 54	74.5 48.7	
OIX OAM	MAX MIN	59 40	68 34	75 42	80 48	79 51	77 59	73 49	54 36	47 34	50 40	53 40	51 41	63 42	76 43	81 47	81 48	85 53	84 44	82 59	87 62	79 62	83 56	83 55	86 54	86 56	67 57	81 56	79 53	78 56	74.1 50.8		
ELIZABETHTOWN	MAX MIN	66 38	70 33	75 39	80 43	79 53	75 62	71 49	53 38	48 39	54 43	52 45	54 40	67 35	78 43	77 49	84 65	81 66	84 56	85 61	82 60	79 58	78 53	81 56	87 55	86 54	74 58	68 54	80 55	78 62	80 52	74.0 50.3	
FALMOUTH	MAX MIN	61 41	70 32	78 38	82 40	80 45	75 58	72 47	57 34	49 38	45 40	54 38	53 40	51 42	75 40	83 49	84 53	86 47	77 47	84 53	87 47	80 52	78 52	80 58	85 59	83 59	87 60	68 55	80 52	80 52	73.3 48.3		
FARMERS	MAX MIN	72 45	70 29	76 36	82 40	82 42	80 50	77 50	60 40	58 38	49 41	53 40	53 41	53 42	74 39	81 48	84 51	86 47	87 57	83 51	89 62	86 62	83 56	80 55	83 54	89 56	87 57	69 56	80 53	79 54	71 53	75.7 47.4	
FLEMINGSBURG 2	MAX MIN	59 42	70 31	80 41	84 44	81 51	77 59	73 48	59 35	49 38	44 38	54 38	55 38	52 42	72 41	82 43	82 55	85 62	79 54	82 63	88 60	80 59	78 51	82 52	81 58	86 56	70 56	68 52	78 50	78 51	78 53	73.1 49.1	
FOROS FERRY OAM 50	MAX MIN	59 37	70 40	79 42	81 52	77 61	75 60	70 43	59 42	55 35	53 44	48 42	60 38	72 39	80 47	85 52	88 65	85 58	83 61	79 65	83 61	88 61	89 58	84 61	89 58	88 55	79 66	78 55	87 59	81 59	80 56	75.8 52.7	
FRANKFORT LOCK 4	MAX MIN	73 43	59 35	66 36	76 40	79 45	77 48	75 60	62																								

DAILY TEMPERATURES

KENTUCKY
MAY 1960

Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
INEZ	MAX	72	73	80	83	83	81	79	63	52	61	55	54	57	75	84	84	94	85	86	95	96	88	87	92	84	90	82	73	83	82	82	78.5
	MIN	47	32	38	38	41	44	60	44	39	43	41	44	51	41	40	48	56	52	51	50	51	45	45	45	58	66	61	54	55	56	52	48.0
IRVINGTON	MAX	62	71	80	83	80	74	71	55	50	47	52	57	68	80	84	87	85	86	87	85	79	82	85	89	87	84	77	67	83	80	83	75.5
	MIN	34	33	42	46	55	60	47	36	35	40	41	36	36	41	51	61	65	53	62	64	56	59	55	56	56	63	58	55	53	62	53	50.5
LEITCHFIELD	MAX	60	68	78	81	77	72	68	56	50	49	56	56	67	79	81	84	85	85	85	82	80	83	84	89	86	83	74	75	82	79	87	74.9
	MIN	36	37	45	50	55	59	48	40	36	40	40	38	41	43	52	59	65	56	63	64	56	61	58	60	56	63	58	55	57	60	56	51.8
LEXINGTON WB AIRPORT	MAX	59	66	76	80	78	72	66	52	45	46	52	50	60	76	81	80	86	77	83	87	78	81	81	83	82	85	67	64	80	77	79	71.9
	MIN	40	39	48	50	55	58	39	37	36	40	40	40	42	43	51	60	59	53	58	65	62	63	45	55	57	60	56	56	54	63	55	51.3
LONDON FAA AIRPORT	MAX	61	69	75	81	76	72	64	53	50	55	48	50	61	75	81	81	84	84	83	87	79	81	81	86	84	86	70	70	80	77	78	73.0
	MIN	40	36	41	42	47	57	42	33	37	41	39	42	38	35	46	50	59	58	57	58	58	52	54	52	56	57	54	52	58	59	51	48.4
LOUISVILLE	MAX	62	72	81	83	84	78	74	53	47	46	54	55	68	80	86	88	86	83	90	87	80	83	84	88	87	83	72	70	83	82	84	75.9
	MIN	38	38	46	51	52	60	46	36	37	40	42	42	47	43	52	64	67	55	62	63	58	61	58	58	57	61	58	56	54	61	56	52.2
LOUISVILLE WB AP	MAX	61	72	81	84	82	77	64	52	48	46	54	55	66	82	87	88	86	83	90	86	82	82	83	89	88	86	71	70	85	82	83	75.6
	MIN	39	37	44	51	55	60	40	36	37	42	42	41	44	43	50	64	60	56	63	65	59	63	57	60	59	63	59	57	53	62	56	52.2
LOVELACEVILLE	MAX	62	68	78	80	75	72	67	67	64	60	51	66	73	79	81	85	87	84	82	77	78	81	81	86	84	86	70	70	80	77	78	76.9
	MIN	34	34	37	48	60	60	49	39	35	44	43	34	34	43	56	60	66	60	64	64	50	61	56	64	59	64	54	53	61	55	54	51.5
MADISONVILLE 1 SE	MAX	59	70	77	81	79	75	71	60	53	53	54	61	70	80	78	83	86	92	84	82	79	85	85	87	85	85	77	76	85	85	82	76.1
	MIN	37	34	37	47	52	53	48	39	35	40	41	38	40	47	51	62	64	56	63	64	55	56	44	60	59	67	55	56	58	58	52	51.0
MAMMOTH CAVE PARK	MAX	70	70	79	81	77	70	70	56	54	52	50	55	65	78	80	82	86	85	85	80	82	85	87	87	85	85	69	76	80	78	79	74.8
	MIN	35	32	40	51	59	59	47	35	35	40	41	40	34	37	51	60	65	58	63	63	61	64	62	55	55	63	58	61	54	61	52	51.3
MANCHESTER 4 SE	MAX	71	70	79	82	81		70	57	51	59	55	54				84	87	86	86	91	85	85	83	88	86	89	85	74	84	83	83	77.3
	MIN	46	32	38	40	41		52	40	40	43	42	43	40	36	43	48	55	60	56	58	60			50	56	57	58	59	59	58	58	48.5
MAYFIELD	MAX	61	70	77	80	75	74	70	66	64	61	50	63	71	78	80	85	87	84	83	78	79	85	87	88	86	78	78	81	87	82	82	76.5
	MIN	36	36	40	51	58	59	49	42	38	44	42	36	37	49	58	61	68	60	65	65	52	60	58	61	58	63	56	53	60	57	54	52.5
MAYSVILLE DAM 33	MAX	74	58	69	76	81	81	78	60	55	47	44	52	52	53	72	81	80	85	72	83	86	80	77	78	80	79	84	67	65	78	76	71.1
	MIN	42	31	33	38	44	49	55	36	37	39	40	37	40	41	39	44	55	50	49	56	59	59	50	52	55	60	62	51	51	53	51	47.0
MIDDLESBORO	MAX	65	70	76	80	78	75	68	60	59	60	57	53	61	76	81	81	88	87	83	87	85	86	84	89	86	87	84	73	80	83	81	76.2
	MIN	46	31	39	40	43	55	53	36	41	37	41	42	37	32	45	47	55	59	56	57	60	62	53	50	55	55	59	48	55	56	51	47.6
MONTICELLO	MAX	68	70	78	81	79	73	68	55	54	58	50	54	65	77	80	82	84	85	82	88	80	84	83	88	85	87	74	73	83	79	79	75.0
	MIN	44	31	38	44	50	59	50	35	39	42	41	42	35	36	46	54	64	58	61	62	65	62	55	52	58	59	58	55	55	62	52	50.5
MOUNT STERLING	MAX	70	67	77	81	80	78	72	55	55	48	55	57	66	75	80	81	85	86	83	87	81	83	81	85	83	87	83	66	78	77	80	74.9
	MIN	42	35	44	43	53	58	48	36	36	36	38	39	36	40	48	56	63	54	51	64	63	60	56	60	64	61	56	52	53	61	65	50.7
MOUNT VERNON	MAX																																
	MIN																																
MURRAY	MAX	63	69	77	81	75	73	69	66	64	56	50	64	73	75	79	86	86	84	83	83	79	85	90	90	87	80	80	85	89	86	84	77.1
	MIN	35	36	40	53	60	60	52	42	37	42	42	39	38	44	57	60	66	60	61	65	52	62	64	66	59	66	57	54	57	57	56	52.9
DWENSBORO 2 W	MAX	62	70	77	80	75	74	69	57	50	47	50	61	70	80	80	84	85	87	86	82	77	82	85	87	87	81	76	70	83	80	83	74.7
	MIN	36	36	43	48	58	60	47	43	43	39	44	43	39	44	53	63	64	57	66	65	55	60	58	62	60	65	58	57	55	59	54	52.6
PADUCAH FAA AIRPORT	MAX	60	68	76	80	70	73	62	65	65	54	50	63	70	77	79	85	84	84	82	72	77	83	87	87	86	76	79	81	88	80	82	75.0
	MIN	37	35	39	50	61	58	43	40	36	43	43	37	38	50	60	63	66	58	65	63	52	63	60	60	60	63	57	56	61	59	56	52.6
PADUCAH	MAX	63	69	78	81	78	74	71	65	64	63	52	67	74	80	79	86	87	85	84	80	79	85	80	89	87	84	79	83	88	83	84	77.8
	MIN	38	36	39	48	59	60	50	43	38	44	43	37	35	42	56	61	67	58	63	63	52	61	57	63	58	65	58	54	61	57	53	52.2
PIKEVILLE	MAX	70	72	81	86	82	80	76	59	54	58	57	53	53	74	85	85	90	83	85	94	85	85	83	86	88	92	80	76	84	82	87	77.5
	MIN	48	33	37	47																												

EVAPORATION AND WIND

KENTUCKY
MAY 1960

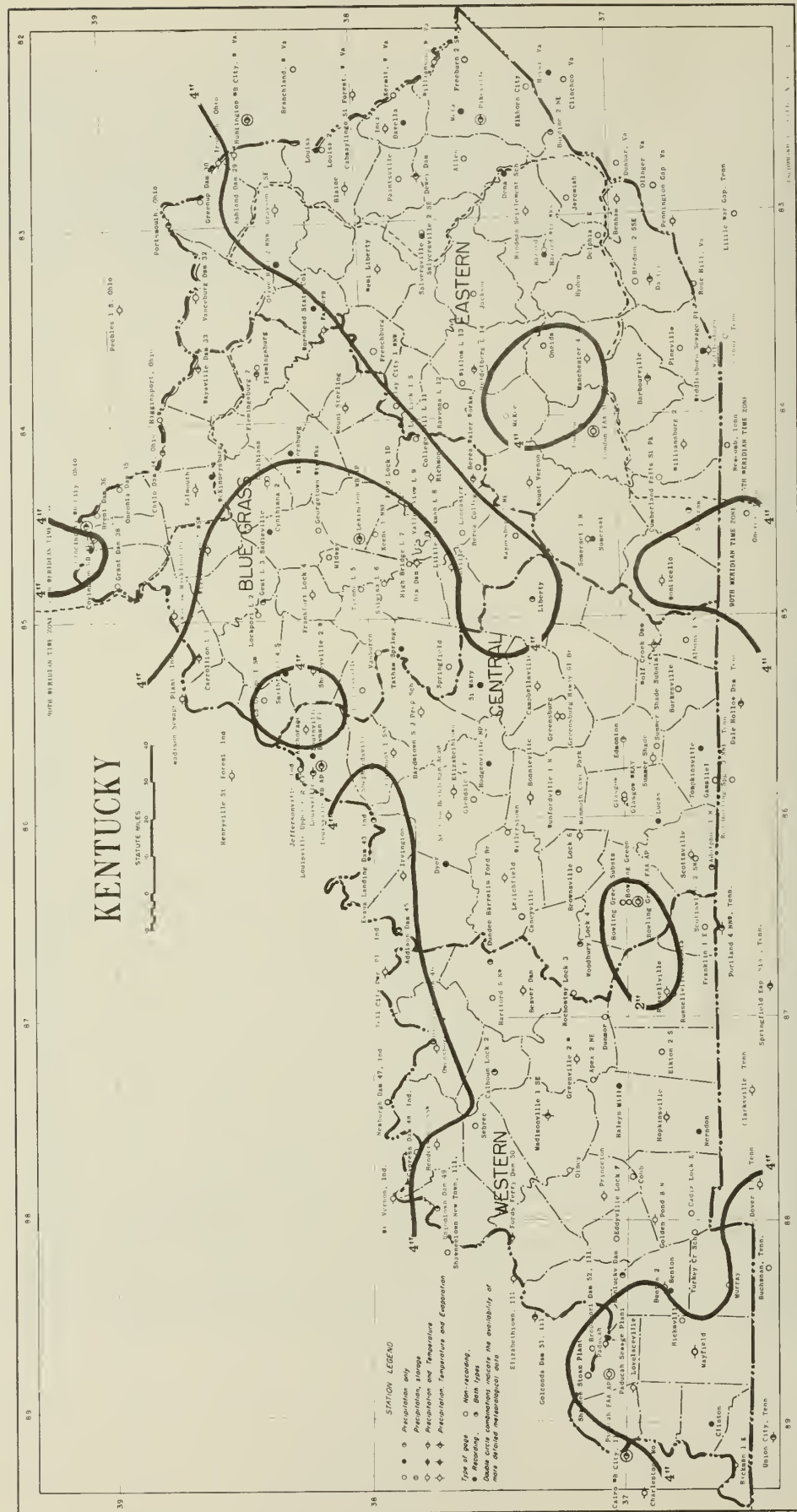
Station		Day of month																															Total or Avg	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
DEWEY DAM	EVAP	-	.15	.08	.28	.22	.24	.21	.00	.12	.09	.04	.00	*	*	.17	.18	.15	.27	.18	.08	.15	.06	.11	.12	.26	.15	.14	.23	.08	.06	.16	.17	B4.17
	WIND	-	11	9	5	7	22	48	14	21	40	35	1	5	8	15	11	10	35	3	0	6	11	26	8	5	2	5	7	1	4	13	B 401	
DIX DAM	EVAP	.33	.15	.18	.21	.24	.28	.26	.04	.05	.02	.05	.04	.06	.10	.31	.22	.17	.31	.21	.15	.18	.35	.32	.22	.20	.19	.18	.19	.06	.20	.22	5.69	
	WIND	134	41	1	5	11	49	135	43	108	87	84	33	23	43	73	35	22	90	27	51	55	81	108	44	30	18	36	33	15	49	60	1624	
MADISONVILLE 1 SE	EVAP	.24	.17	.28	.22	.30	.14	.25	.16	.14	.08	.08	.06	.28	.18	.42	.10	.21	.28	.18	.14	.25	.52	.28	.28	.24	.28	.19	.12	.28	.22	.40	6.97	
	WIND	109	31	33	38	71	120	145	65	52	60	62	54	60	73	61	39	67	82	48	74	73	111	58	21	48	59	42	65	30	71	107	2029	
WOLF CREEK DAM	EVAP	.22	.21	.17	.20	.21	*	*	.52	.15	.07	.10	.12	.04	.15	.21	.18	.18	.31	.23	.15	.14	.38	.25	.28	.37	.19	.27	.13	.06	.12	.33	5.94	
	WIND	83	36	21	11	16	55	100	40	40	30	20	10	10	40	28	7	15	25	10	19	31	25	43	16	21	53	5	11	6	6	17	850	

Dix Dam - Evaporation pan is coated with aluminium paint inside and out each year before being placed in operation.

See Reference Notes Following Station Index

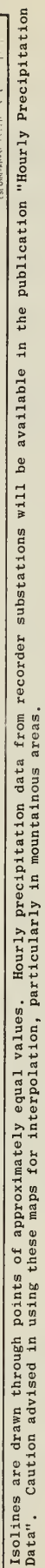
TOTAL PRECIPITATION

KENTUCKY
MAY 1960



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

KENTUCKY
MAY 1960



STATION INDEX

KENTUCKY
MAY 1960

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
							TEMP.	PRECIP.	ETAP.	SPECIAL									TEMP.	PRECIP.	ETAP.	SPECIAL	
ADDISON DAM 45	0093	BRECKINRIDGE	7	37 33	86 34	280	6A				C	CORPS OF ENGINEERS	LITTLE HICKMAN LOCK 8	4825	JESSAMINE	4	37 45	84 35	521	7A		C	CORPS OF ENGINEERS
ALBANY & N	0063	CLINTON	2	36 45	85 08	1000	7A				C	LOCKPORT LOCK 2	4851	HENRY	4	38 26	84 58	485	8A		C	CORPS OF ENGINEERS	
ANCHORAGE	0155	JEFFERSON	7	38 16	83 33	100	7P				C	LOGGICK 1 S	4882	CLARK	4	37 51	84 02	773			C	HUBERT BURGER	
APEX 2 NE	0185	MUMFORD	3	37 08	87 19	510	7A				C	LONDON	4893	LAUREL	2	37 08	84 04	1195			C	KNOXVILLE FERTILIZER CO	
ASHLAND DAM 29	0310	BOYD	7	36 27	82 36	551	6P				C	LONDON FFA AP	4898	LAUREL	2	37 05	84 05	1191	NID		C	FED. AVIATION AGENCY	
BARBOURVILLE	0381	KNOX	2	36 32	83 33	1000	6P				C	LOUISA	4943	LAWRENCE	1	38 07	82 37	582			C	CHARLES F. BRANHAM	
BARSTOWN 5 J PREP SCH	0391	NELESON	8	37 48	83 28	693	3P				C	LOUISA 2	4946	LAWRENCE	1	38 07	82 36	585	8A		C	HAROLD C. FERGUSON	
BARTER	0430	HARLAN	2	36 31	83 20	1164	7A				C	LOUISVILLE	4949	JEFFERSON	7	38 14	85 46	462	6P		C	LOUISVILLE G. & E. CO.	
BEAVER DAM	0490	OHIO	3	37 23	86 52	441	6P				C	LOUISVILLE BOWMAN FLD	4951	JEFFERSON	7	38 13	85 40	558			C	CORPS OF ENGINEERS	
BENMAN	0593	HARLAN	2	36 38	82 37	1503	8A				C	LOUISVILLE WB AP	4954	JEFFERSON	7	38 11	85 44	474	NID		C	U.S. WEATHER BUREAU	
BENTON	0611	HARSHALL	9	36 51	88 20	395	3P				C	LOUISVILLE UPPER GAGE	4955	JEFFERSON	7	38 17	85 48	403	6A		C	CORPS OF ENGINEERS	
BENTON 2	0613	HARSHALL	9	36 51	88 20	395	3P				C	LOUISVILLE WCL	4961	BALLARD	6	36 58	88 50	370	5P		C	BLAINE NAUDON	
BERRY COLLEGE	0619	NADISON	4	37 34	84 18	1070	6P				C	LUCAS	5002	BARREN	3	36 53	86 02	738			C	WILLARD E. FOSTER	
BERRY WATER WORKS	0624	NADISON	4	37 34	84 18	1070	6P				C	MADISONVILLE 1 SE	5067	HOPKINS	3	37 19	87 29	439	5P	7A	C	HOMER WELBORN, JR.	
BLAINE	0752	LAWRENCE	1	38 02	82 30	670	6P				C	MAMMOTH CAVE PARK	5077	LOMONSON	3	37 11	86 05	800	5P	1P	C	NATIONAL PARK SERVICE	
BONNIEVILLE	0854	HART	3	37 25	85 54	684	3P				C	CITY OF BONNIEVILLE	5111	CLAY	4	37 06	83 43	890	6P	7A	C	NORA S. WHITE	
BOWLING GREEN	0904	WARREN	3	37 00	86 26	354	7A				C	MAYFIELD	5210	GRAYSON	6	36 44	88 39	364	6P	7A	C	NAYFIELD ELEC. & MTR. CO.	
BOWLING GREEN SUBSTA	0907	WARREN	3	37 01	86 26	470	3A				C	MAYSVILLE DAM 33	5243	NASON	7	38 18	83 42	515	7A		C	CORPS OF ENGINEERS	
BOWLING GREEN FFA AP	0909	WARREN	3	36 58	86 26	533	NID				C	MC KEE	5251	JACKSON	2	37 26	84 00	1000			C	CITY OF MIDWAY	
BRENT DAM 36	0978	CAMPBELL	1	39 03	84 25	497	7A				C	MC KINNEYSBURG	5301	PEASELTON	5	38 36	84 16	662			C	RICHARD T. SYMON	
BROWNVILLE LOCK 6	1046	EDMONSON	3	37 12	86 16	410	7A				C	NETA	5370	PIKE	1	37 34	82 27	730			C	MRS. EDITH J. SMITH	
BURDINE 2 NE	1120	PIKE	1	37 13	82 35	1443	8A				C	NIDDELSBORO	5389	BELL	2	37 37	83 43	1130	3P	7A	C	MRS. LELA N. HERRELL	
BURKESVILLE	1137	CUMBERLAND	2	36 47	83 22	600	7A				C	MIDDELSBORO SEWAGE PL.	5394	BELL	2	36 38	83 43	1130			C	CITY OF MIDDELSBORO	
CADIZ LOCK E	1206	TRIGGS	2	36 46	87 58	384	7A				C	MIDWAY	5407	WOODFORD	4	38 09	84 41	-		8A	C	CITY OF MIDWAY	
CALMOUN LOCK 2	1227	MC LEAN	3	37 32	87 14	402	7A				C	MILLERSBURG	5430	BOURBON	5	38 18	84 09	789			C	CITY WATER WORKS	
CAMPBELLVILLE	1256	TAYLOR	3	37 20	83 31	771	6P				C	MILLERSBURG	5438	GRAYSON	3	37 27	86 03	588	7A		C	DVA N. LAWLER	
CANEVILLE	1294	GRAYSON	3	37 25	86 30	600	7A				C	MONTICELLO	5524	WAYNE	2	36 50	84 50	960	6P	7A	C	ALVIN L. BERTAN	
CARROLLTOWN LOCK 1	1345	CARROLL	4	38 41	83 11	480	4P				C	MOREHEAD STATE COLLEGE	5555	HOWARD	3	37 11	83 26	770			C	PROF. HENRY C. HAGGAN	
CECILIA	1406	HARDIN	9	37 40	83 37	734	7A				C	MOUNT STERLING	5640	MONTGOMERY	2	37 21	84 10	1137	5P	5P	C	FRED CARTELL	
CLAY CITY 1 WNW	1576	POWELL	4	37 32	83 56	712	7A				C	MOUNT VERNON	5648	ROCKCASTLE	2	37 21	84 10	1137	5P	5P	C	CITY OF MT. VERNON	
CLERMONT 1 SSE	1611	BULLITT	8	37 53	85 40	340	5P				C	MUNFORDVILLE 1 N	5684	HART	3	37 16	85 33	636	7A		C	EDWARD A. RICHARDSON	
CLINTON	1631	HICKMAN	6	36 41	89 00	390	5P				C	MURRAY	5694	CALDWELL	9	36 36	88 20	622	6P	6P	C	MURRAY STATE COLLEGE	
CLIQUE MILL LOCK 11	1704	ESTILL	4	37 47	84 06	611	7A				C	MURRAY	6013	CARTER	7	38 19	83 12	895			C	GEORGE E. DUNAL	
COVINGTON WB AIRPORT	1855	BOONE	7	39 04	84 40	869	NID				C	OLNEY	6020	HOPKINS	7	37 14	87 47	533	8A		C	MELVIE PARLEE NEISZ	
CUMBERLAND FALLS ST PK	1969	WHITLEY	2	36 50	84 19	1070	3P				C	ONEIDA	6020	CLAY	4	37 16	83 39	750	7A		C	MRS. ANNA L. BROWN	
CYNTHIANA	1998	HARRISON	5	38 23	84 18	684	7A				C	OWENSBORO DAM 35	6033	CAMPBELL	7	38 58	84 18	512	7A		C	CORPS OF ENGINEERS	
CYNTHIANA 2	2003	HARRISON	5	38 23	84 17	719	8A				C	OWENSBORO 2 W	6091	DAVIESS	7	37 46	87 09	420	6P	7A	C	VIRGIL D. CLARK	
DANVILLE	2040	BOYLE	4	37 39	84 46	955	7A				C	OWENSBORO DAM 46	6096	DAVIESS	7	37 47	87 07	404	6A		C	CORPS OF ENGINEERS	
DAVELLA	2053	NARTIN	1	37 48	82 32	718	7A				C	PAIDUCAN FFA AIRPORT	6110	NC CRACKEN	7	37 04	88 46	398	NID	5P	C	FED. AVIATION AGENCY	
DELPHIA 1 E	2132	PERMY	4	37 02	83 07	1647	8A				C	PAIDUCAN	6115	NC CRACKEN	7	37 06	88 46	398	NID	5P	C	WESTERN P. LACKEY	
DEMA	2139	KNOTT	1	37 25	82 48	850	7A				C	PAIDUCAN SEWAGE PLANT	6117	NC CRACKEN	7	37 06	88 46	398			C	CITY OF PAIDUCAN	
DEWEY DAM	2180	FLOYD	1	37 45	82 47	652	7A	7A			C	PAINTSVILLE	6136	JOHNSON	1	37 49	82 48	620	7A		C	JESSE FAIRCHILD	
DIX DAM	2214	MERCER	4	37 48	84 43	870	4P	7A			C	PIKEVILLE	6153	PIKE	1	37 29	82 31	888	5P	8P	C	U.S. WEATHER BUREAU	
DUNDEE BARRETT'S FORD BR	2358	OHIO	3	37 33	86 43	440	7A				C	PHILLIPS	6184	BELL	2	36 45	83 42	1002	7A		C	FOLLY PARTIN	
DUNMORE	2366	MUMFORD	3	37 05	87 00	592	7A				C	PRINCETON	6575	CALDWELL	2	37 06	87 53	529	5P	5P	C	ALTON N. HARVILL	
DYER	2391	BRECKINRIDGE	7	37 43	87 13	793	3P				C	RAVENNA LOCK 12	6679	ESTILL	4	37 40	83 57	634	7A		C	CORPS OF ENGINEERS	
EDDYVILLE LOCK F	2445	LYON	2	37 03	88 05	420	7A				C	REYNOLDS	6801	HOWARD	4	37 48	84 18	1122	8A		C	THOMAS C. HENKON	
EDMONTON	2469	NETCALFE	3	37 00	85 37	865	7A				C	ROCHESTER LOCK 3	6802	OHIO	3	37 13	86 54	401	7A		C	CORPS OF ENGINEERS	
ELIZABETHTOWN	2510	HARLAN	2	37 41	85 52	739	6P				C	RUSSSELLVILLE	7049	LOGAN	3	36 51	86 53	590	6P	7A	C	W. B. PORTER	
ELKHORN CITY	2528	PIKE	1	37 18	82 21	800	7A				C	RUSSELLVILLE SUBSTA	7054	LOGAN	3	36 50	86 54	576	7A		C	W. B. PORTER	
ELKTON 2 S	2548	GOOD	2	36 47	87 10	520	7A				C	SADIEVILLE	7074	SCOTT	4	38 23	84 33	791			C	MRS. TRESSIE A. RALSTON	
FALMOUTH	2775	PEASELTON	5	38 40	84 20	560	6P	7A			C	ST. MARTIN	7094	HARRISON	8	37 35	85 21	743			C	JOHN B. BAUER	
FARNERS	2791	ROWAN	5	38 09	83 33	668	4P	7A			C	SALVIA LOCK 6	7121	WOODFORD	4	37 56	84 09	490	6A		C	CORPS OF ENGINEERS	
FLEMINGSBURG	2903	FLEMING	5	38 29	83 43	870	7A				C	SALVIAVILLE	7129	MAGOFFIN	5	37 45	83 05	859			C	STANLEY GARDNER	
FLEMINGSBURG 2	2908	FLEMING	5	38 25	83 45	911	6P	NID			C	SALVIAVILLE 2 SE	7134	MAGOFFIN	5	37 44	83 03	920			C	FORREST C. WILLIS	
FORD LOCK 10	2953	HADISON	3	37 43	87 10	520	7A				C	SCOTTSVILLE	7215	ALLEN	3	36 45	86 12	770	5P	5P	C	NOBLE ALLEN	
FORDS FERRY DAM 50	2961	CHITTENDEN	7	37 28	88 06	356	6P	6A			C	SCOTTSVILLE 2 SW	7220	ALLEN	3	36 44	86 13	760	7A		C	MRS. IDELL F. DEERING	
FRANKFORT LOCK 4	3028	FRANKLIN	6	38 14	84 52	504	6A	6A			C	SEBREE	7234	WEBSTER	3	37 36	87 32	350	6P		C	PAUL D. TONPKINS	
FRANKLIN 1 E	3036	SIMPSON	3	36 43	86 46	600	7A				C	SHAWNEE STEAM PLANT	7311	NC CRACKEN	7	37 09	88 47	345	5A		C	SHAWNEE STEAM PLANT	
FREEBURN 2 SW	30																						

551.05
UNKE

U. S. DEPARTMENT OF COMMERCE
FREDERICK H. MUELLER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

JUNE 1960
Volume 55 No. 6



ASHEVILLE: 1960

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KENTUCKY - JUNE 1960

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 98° on the 23+ at 5 Stations

Lowest Temperature: 41° on the 18th at Golden Pond 8 N

Greatest Total Precipitation: 13.12 inches at Carrollton Lock 1

Least Total Precipitation: 2.91 inches at Martin 1 SSW

Greatest One-Day Precipitation: 10.40 inches on the 28th at Dunmor

SPECIAL WEATHER SUMMARY

Kentucky farmers who had been hampered by a lack of precipitation from mid-February until early June were, by the last of June, suffering from an excess of precipitation. While temperatures averaged near seasonal normals, average precipitation was from 2 to 3-3/4 inches above normal, with the period from June 11th to June 30th experiencing only 2 rain-free days over the entire state. Scattered thundershowers from the 11th through the 14th produced some 24 hour totals in excess of 2 inches in the northeast and scattered thundershowers moving eastward across the state on the 16th and 17th produced heavy rains with numerous totals in excess of 2 inches in the southeast and south-central areas. Scattered thundershowers which began again on the night of the 20th ended with torrential rains in the north-central, bluegrass and eastern sections on the 23rd and 24th. Numerous totals in excess of 3 inches were recorded during this period and the 5.14 inches recorded at Louisville from the evening of the 22nd to the morning of the 23rd is the greatest 12 hour total rainfall ever recorded at that

particular location. The 25th and 26th were rain-free but scattered thundershowers began again on the afternoon of the 27th and torrential down-pours in the west and central sections on the 28th again produced many 24 hour totals in excess of 3 inches. Dunmor in southern Muhlenberg County recorded a total 24 hour rainfall of 10.40 inches from 9 AM on the 27th until 9 AM on the 28th. This is the greatest 24 hour rainfall which has ever been recorded in Kentucky and erases the previous record of 8.06 inches recorded at Lexington in one 24 hour period of August 1932. As a result of the heavy rains, farm crop activity was virtually at a standstill by the end of the month. Many areas of the state suffered locally severe crop damage from flash flooding, particularly in low "pocket" cropland and creek bottoms, and soil erosion was considered serious in many areas of rolling terrain.

O. K. Anderson
Meteorologist in Charge
U. S. Weather Bureau
Louisville, Kentucky

CLIMATOLOGICAL DATA

KENTUCKY
JUNE 1960

Station		Temperature										Precipitation												
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
											Max		Min.						Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
											90° or Above	32° or Below	32° or Below	90° or Below										
WESTERN																								
VER DAM		85.1	61.3	73.2		95	22	48	18	2	7	0	0	0	6.06		3.95	28	.0	0		7	2	1
ON 2		86.2	60.9	73.6		96	22	46	18	2	10	0	0	0	5.50		3.81	28	.0	0		4	3	2
OS FERRY DAM 50		86.0	63.6	74.8		97	22	53	18	0	10	0	0	0	3.09	.63	1.17	28	.0	0		5	2	1
EN PONO R N		87.1	60.0	73.6		98	22	41	18	3	12	0	0	0	8.89		5.30	28	.0	0		9	3	2
ENVILLE 2 W		84.6	61.8	73.2	- 1.4	95	22	48	18	1	7	0	0	0	8.93	4.84	7.10	28	.0	0		6	2	1
PERSON 7 SSW																								
MAN 1 E		85.2	62.1	73.7	- 2.0	97	22	47	18	2	8	0	0	0	5.04	1.37	1.56	29	.0	0		7	4	2
KINSVILLE		86.6	63.3	75.0		97	23	48	18	2	12	0	0	0	4.27		1.70	28	.0	0		8	3	1
ELACEVILLE		85.5	62.7	74.1	- 1.5	98	23	50	18	1	8	0	0	0	6.05	1.90	4.22	28	.0	0		4	2	1
ISONVILLE 1 SE		86.2	61.7	74.0	- 2.4	98	22	47	18	0	10	0	0	0	3.77	.15	1.27	24	.0	0		6	4	1
		85.2M	61.4M	73.3M		96	22	47	18	1	7	0	0	0	5.47		3.30	28	.0	0		7	2	1
FIELD																								
RAY		85.4	63.1	74.3		96	22	51	18	0	9	0	0	0	3.91		1.83	28	.0	0		4	3	2
NSBORO 2 W		85.7	64.2	75.0	- 1.2	96	23	51	18	0	9	0	0	0	7.57	4.25	2.56	27	.0	0		6	4	4
JCAH FAA AIRPORT		86.9	62.6	74.8	.5	97	22	49	18	0	10	0	0	0	3.72	.18	1.32	28	.0	0		6	3	2
JCAH		84.3	62.8	73.6		96	22	49	18	2	6	0	0	0	7.54		2.67	23	.0	0		8	5	3
		87.8	62.2	75.0		98	22	47	18	0	12	0	0	0	5.42	1.72	2.30	24	.0	0		5	3	2
NCETON																								
SELLVILLE		85.9	61.3	73.6	- 2.1	97	23+	47	18	0	9	0	0	0	5.82	1.88	3.13	28	.0	0		6	2	2
		85.6	61.6	73.6	- 2.0	97	22	50	18	0	8	0	0	0	9.16	5.28	6.16	28	.0	0		8	4	1
DIVISION																								
				74.0	- 1.7									5.89	2.08			.0						
CENTRAL																								
ISON DAM 45		85.7	59.5	72.6		94	12	51	18	4	6	0	0	0	4.96	1.23	2.49	24	.0	0		8	2	1
ORAGE		81.4	59.8	70.6	- 2.0	90	22	47	18	6	1	0	0	0	10.89	6.86	5.56	23	.0	0		9	5	3
OSTOWN S J PREP SCH		84.9	59.7	72.3		92	23+	48	18	2	6	0	0	0	6.35		2.00	23	.0	0		8	5	2
IEVILLE																								
LING GREEN FAA AP		85.1	62.6	73.9	- 2.5	95	22	53	1	0	5	0	0	0	6.94	3.00	3.47	28	.0	0		8	4	1
PBELLVILLE																								
LIA		85.2	61.2	73.2		93	5	51	18	0	5	0	0	0	9.38		2.24	17	.0	0		10	5	3
RMONT 1 SSE		83.2	59.1	71.2	- 2.6	93	23	49	18	6	6	0	0	0	6.58	2.45	1.85	28	.0	0		10	3	3
ZABETHTOWN		86.4	59.6	73.0		94	23+	47	18	0	9	0	0	0	9.12		2.37	28	.0	0		9	5	4
SGOW WKAY		84.1	61.2	72.7		92	22	49	18	2	6	0	0	0	6.93		1.60	17	.0	0		12	4	3
		84.2	61.2	72.7		92	22	49	18	2	5	0	0	0	9.11		3.05	28	.0	0		7	5	2
ENSBURG																								
INGTON		84.2	59.7	72.0	- 2.5	93	23+	50	1	4	7	0	0	0	8.55	3.71	2.32	17	.0	0		9	6	4
TCHFIELD		85.6	60.8	73.2	- 1.3	95	22	48	18	2	9	0	0	0	5.70	1.46	1.55	23	.0	0		8	4	2
TSVILLE		83.5	61.7	72.6	- 2.0	93	22	51	18	1	6	0	0	0	8.69	4.29	1.90	13	.0	0		10	5	4
TSVILLE WB AP																								
		81.3	60.7	71.0	- 3.2	93	22	48	18	6	1	0	0	0	10.11	6.05	5.12	23	.0	0		10	5	2
MOTH CAVE PARK																								
TSVILLE		82.4	60.4	71.4		90	22	49	18	3	1	0	0	0	7.39		2.80	28	.0	0		7	5	2
MER SHADE		84.7	61.5	73.1		94	22	47	18	1	5	0	0	0	10.43		4.58	28	.0	0		9	4	3
F CREEK DAM		85.1	61.1	73.1		95	5	50	18	1	8	0	0	0	7.98		2.91	28	.0	0		8	5	2
		83.8	56.9	70.4		91	23	46	18	7	4	0	0	0	6.59		1.76	17	.0	0		7	4	4
DIVISION																								
				72.3	- 2.2									7.98	3.78			.0						
BLUE GRASS																								
EA COLLEGE		84.7	55.9	70.3	- 3.6	98	16	50	19	1	4	0	0	0	7.97	3.17	2.70	23	.0	0		8	6	2
ROLLTON LOCK 1		83.2	59.7	71.5		91	22+	50	8+	5	3	0	0	0	13.12	9.28	4.25	14	.0	0		10	5	4
INGTON WB AIRPORT		81.6	60.2	70.9	- .9	91	22+	51	8	4	4	0	0	0	6.16	2.12	1.15	12	.0	0		10	5	2
THIANA 2		83.2	58.0	70.6		91	17+	47	19+	12	5	0	0	0	7.36		3.05	23	.0	0		11	5	1
VILLE		81.8	58.3	70.1		89	23+	48	18	9	0	0	0	0	7.35	2.75	2.17	23	.0	0		11	4	3
DAM																								
MOUTH		84.1	61.3	72.7		92	5	50	18	2	6	0	0	0	7.86		2.66	23	.0	0		10	5	3
KINGSBURG 2		83.2	58.5	70.9		92	5	47	8	6	5	0	0	0	4.86	.71	1.42	23	.0	0		8	4	2
KNFORD LOCK 4		82.6	58.3	70.5		91	11+	49	8	7	3	0	0	0	4.02		1.00	23	.0	0		8	3	1
INGTON WB AIRPORT		82.6	58.6	70.6	- 3.6	91	6	50	18+	8	4	0	0	0	9.58	5.77	3.96	23	.0	0		10	5	2
		81.7	61.0	71.4	- 1.6	90	16+	50	18	6	3	0	0	0	11.69	7.48	3.89	23	.0	0		10	4	4
SVILLE DAM 33																								
NT STERLING		80.6	56.9	68.8	- 4.0	89	17+	45	8	18	0	0	0	0	5.21	1.09	2.00	13	.0	0		6	4	2
HMOND		82.5	59.0	70.8		90	5	50	8	5	1	0	0	0	6.43	1.94	1.68	23	.0	0		10	6	2
LBYSVILLE		81.3	59.5	70.4		90	17+	53	19+	5	2	0	0	0	8.77		2.83	23	.0	0		10	6	3
SAW MARKLAND DAM		81.0	59.5	70.3	- 3.1	90	23+	48	18	12	2	0	0	0	7.40	2.91	2.13	23	.0	0		9	7	2
		83.3	60.9	72.1	- .9	91	16	52	8	1	4	0	0	0	9.58	5.54	3.10	23	.0	0		8	5	3
LIAMSTOWN 5 WSW																								
		80.7	57.5	69.1	- 5.1	89	17	45	8	14	0	0	0	0	8.55	4.53	4.24	23	.0	0		11	5	1
DIVISION																								
				70.7	- 3.0									7.87	3.56			.0						
EASTERN																								
LANO DAM 29		83.0	60.9	72.0	- 1.9	93	5	52	7+	3	2	0	0	0	5.14	1.14	1.56	13	.0	0		7	3	3
BOURVILLE		84.1	58.4	71.3		90	23+	50	18+	3	2	0	0	0	8.88		2.35	23	.0	0		10	4	3
TER		82.6	58.8	70.7		89	21+	51	10+	0	0	0	0	0	5.87		1.41	23	.0	0		10	4	3
HAM		83.6	56.5	70.1		91	30	47	2+	3	2	0	0	0	4.47		1.21	23	.0	0		8	4	1
INE 1 W		84.2M	52.6M	68.4M		91	5	44	1	5	3	0	0	0	4.29		1.74	23	.0	0		7	2	1
VEY DAM																								
RMERS		82.9	57.5	70.2		90	17+	49	7	5	2	0	0	0	4.46		1.36	23	.0	0		8	3	1
		84.5	56.9	70.7	- 1.9	90	16+	46	1	5	3	0	0	0	5.97	1.54	2.58	23	.0	0		9	2	1
AYSON 1 SE		81.2	56.8	69.0		90	6	48	1	14	1	0	0	0	4.66		2.26	23	.0	0		9	4	3
DELBERG LOCK 14		85.1	57.8	71.5		92	6	50	10+	1	3	0	0	0	10.21	5.89	4.57	12	.0	0		6	3	1
NOMAN SETTLEMENT SCH		80.2	57.7	69.0		89	6	48	2	12	0	0	0	0	4.42		1.93	23	.0	0				
EZ																								
NOON FAA AIRPORT		86.2	56.5	71.4		95	20	48	7+	2	8	0	0	0	4.82		1.64	23	.0	0		6	4	2
NCHESTER 4 SE		80.6	59.1	69.9		88	5	49	1	4	0	0	0	0	9.19		1.92	22	.0	0		12	6	3

CLIMATOLOGICAL DATA

KENTUCKY
JUNE 1960

CONTINUED

CONTINUED

Station		Temperature													Precipitation									
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
											Max		Min.						Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
											90° or Above	80° or Below	70° or Below	60° or Below										
MOUNT VERNON		85.5	60.3	72.9		93	16+	51	20	0	5	0	0	0	4.22	-.25	1.29	23	.0	0		8	1	1
PIKEVILLE		82.7	60.0	71.4		89	22+	46	1	5	0	0	0	0	11.83		4.03	12	.0	0		9	4	1
SOMERSET 1 N		82.8	58.4	70.6		90	11+	49	8	6	2	0	0	0	6.86	2.61	2.75	13	.0	0		8	4	2
VANCEBURG DAM 32	AM	82.3	56.3	69.3		90	6	46	1	10	1	0	0	0	5.93		1.67	23	.0	0		8	6	2
WEST LIBERTY																								
WILLIAMSBURG 2	AM	86.6	58.3	72.5	- 2.0	94	6	50	21+	1	7	0	0	0	8.04	4.29	2.27	17	.0	0		9	4	4
DIVISION				70.8	- 2.6										6.67	2.43			.0					

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation ,							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00 a EST	6:00 a EST	12:00 p EST	6:00 p EST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	SSW	15	8.9	30	SSW	16	78	80	55	62	3	3	5	3	2	0	16	-	6.4
LEXINGTON WB AIRPORT	S	11	7.9	-	-	-	83	84	56	62	1	3	6	0	2	2	14	-	5.8
LOUISVILLE WB AIRPORT	S	11	5.7	32	E	23	85	88	62	64	0	5	5	3	1	1	15	59	5.8

See Reference Notes Following Station Index

DAILY PRECIPITATION

KENTUCKY
JUNE 1960

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
COITSON OAN 45	4.96			.26									.03	.28	.07	.04		.22				.10		T	2.49					.95	.37	.15	
BANTY 4 N	10.32			.47									.29	.61	.17			2.95						2.48	.03					1.78	1.46		
ANCHORAGE	10.89		.18										.04	.05	1.08	.57		.66				.34		5.56	.22	.08			.01	1.83	.02	.33	
PEX 2 NE	8.81		.06	.02											.29	.08		.06						.02						7.50	.76	.02	
SHLANO OAN 29	5.14												1.18	1.56	.20	.20		.08	.06					.05	1.35	.22			.24	T			
BARBOURVILLE	8.88		.08	.03			.05					.09	1.90	.03	.43			2.0	1.72			.24		.19	2.35	.92	.06			.30		.29	
AROSTOWN S J PREP SCH	6.35			.05									.55	.03	.24							.05		.30	2.00	.50		.10		1.80	.03	.70	
SAXTER	5.87				.02								.46	.13	.01	.70		1.05	.12					.36	1.41	.23	1.20			.18			
CAEVER OAN	6.06					.06	.15				.36		.09	T	.28			.18							T	.05		.08	3.95	.70	.16		
CHENMAN	4.47			.06		T							.21	.17	T	.18		.83						.54	1.21	.33	.84			.06	.04		
SEMENTON 2	5.50		.04										T	.52				.07	1.27									1.00	3.81		T		
AREA COLLEGE	7.97						.34						.62	.06	.38			1.27				.98		.02	2.70				.80		.73		
AREA WATER WORKS	7.38			T			.08						.50	.43	.18	.05		T	1.25	.03			.13	.63	2.28	.82			.27	.73	T		
LAINE 1 W	4.29						.08						.37					.43				.40		1.74	.40					.67			
ONNIEVILLE																																	
RECORD MISSING																																	
DWILING GREEN	7.74														.71	.05		.95	.10				.01		.22					2.55	3.15	T	
DWILING GREEN SUBSTA	7.99			T								.04	.01	T	.58	.02		1.32						T	.16					5.50	.36	T	
DWILING GREEN FAA AP	6.94		T								.20		.03	.68	.05		.45	.60					T	T	.22	.01	T		.96		3.47	.27	
RENT OAN 36	6.16												1.29	1.08	.37			.22	.20			.06		.07	1.95	.49				.04	.36	T	
BROWNVILLE LOCK 6	7.31			.03									T		.74	.40		1.05						T	.39				T	2.21	2.52		
URJOINE 2 NE												.20				.10		.25							.94	.32	.72						
URKESVILLE	7.98												T	.72	.08	.06		2.15	T					.30	1.43	.19	T			2.08	.97	T	
ROIZ LOCK E	8.71		.64	.34									.28		1.06	.36									.47	1.31					4.70	1.31	
ALHOUN LOCK 2	9.38			.02			.35							.08	.23	T		2.24	.02					.42	.46	2.00	.09		.17	1.65	.87	.39	
ANPBELLSVILLE											T	T	.05	.93	.43															1.86	.17	.54	
ANEYVILLE	8.10			T			.27						.95	.26	.43			.44							.27	.05	.21			2.39	2.20	.63	
ARROLLTON LOCK 1	13.12			.05								.32	1.03	4.25	.08		1.73	.02					.14	.15	.415	.33				.64	.21		
ECILIA	6.58			.21			.43						.26	.19	.05		1.21	T					.08	.34	.01	1.16				1.85	.46	.35	
LAY CITY 1 WNW	6.78											.60	.07	.11			1.20							.26	.20	2.50	.68		.16		.65	.35	
ERNONT 1 SSE	9.12			.04								1.81	.42	.18	.05		.84						.10		2.08	.15				2.37	.04	1.04	
OLLEGE HILL LOCK 11	10.61												.60	.58	.11															7.20	1.60		
OLLEGE HILL LOCK 11	6.56			T			.05						.50	.06	.16	.25		1.36	.02			.02	.43	1.86	1.05	T	T		.18	.62			
OLLEGE HILL LOCK 11	6.16		.13									T	1.15	.99	.13	T		.02	.75				.30	.93	1.11	.01		.35		.27	T	.02	
UNBERLAND FALLS ST PK	9.00			.03								1.18	1.60	.12	.10		.33	2.00						.16	3.06	.03	.15			.57		.64	
YNTHIANA	7.16						.49						T	.57	.23	.09		.64	T					.27	3.41	.68				.77	.01		
YNTHIANA 2	7.36						.54						.52	.22	.10										.95	3.05	.45	.10			.30	.45	.03
YNVILLE	7.35												.15	.28	.06	.10		1.36	.04			.39	.15	2.17	.83				.34	1.14	.34		
ELPHIA 1 E	5.99												.45	.20	.24		1.10							.50	1.49	.27	.99				.75		
WEY OAN	4.46		T										.05	.21	.35		.54	.07						.40	1.36	.48	.25				1.33	.73	.56
IX OAN	7.86												.05	.24	.25	.07		1.25	.12				.37	.03	2.66	.20							
UNOEE BARRETT'S FORO BR	5.30						.50							.15	.32		.20								T	.30				3.05	.60	.18	
UNMOR	12.41										.84		.33	.05	.35		.50		T											10.40	.85		
JOYVILLE LOCK F	5.97		.02	.05									.33	.05	.35		.50		T										.24	3.20	1.22		
MONMONT	8.23												.30			.50		1.5	2.50						.70	.50				1.82	1.26	.50	
IZABETHTOWN	6.93		.54				.12						.12	.05	.25		.50		1.60			.03	.32	1.36	.14			.38	1.50	.22	.30		
KHORN CITY	4.62			.37									.32	.70		.50		.20	.18					.22	1.75	.23	.35				.30		
KTOWN 2 S	7.03			T	.10							.07	.07	.37	1.01	.16		.45												.21	.43		
ALMOUTH	4.86												.08	.57	.22	.12		.95	.05				.02		.09	2.58	.66				.59		
SARMERS	5.97						.06							.11	.22			.98						.28	.08	1.04	.01			T	.41		
ENINGSBURG	3.13													.32	.07			.08	.92				.32	.55	1.00	.13				T	.40		.04
EMINGSBURG 2	4.02					.19							T	.04	.08	.18		1.66	.03				.03	.46	3.41	1.04					T	.91	
RO LOCK 10	8.02					.18						.39		.15	.03		.01													1.17	.74	.02	
RODROS FERRY OAN 50	3.09			T	.09		.46					.43		.15	.03		.01																
ANKFORT LOCK 4	9.58											.13	.13	.90	.37		.70	.08					.										

DAILY PRECIPITATION

KENTUCKY
JUNE 1960

CONTINUED

Station		Total	Day of month																															
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
ONEIDA	10.17		.20									.410	.48	.05	.15		1.49	.27			T		.32	2.00	.70					.03	.41			
ONEONTA DAM 35	5.94		.04			T							1.12	1.36	T			.32	.27				.24	1.45	.62	.01				.03	.46			
OWENSBORO 2 W	3.72		.20								.05	.02	.12	.22	.07									.05						1.32	1.12	.55		
OWENSBORO DAM 46	3.30		.38				.02				.10	.01	.06	.18	.05									.04						1.20	1.12	.12		
PADUCAH FAA AIRPORT	7.54		.33		.11						.01		.13	.03		.03	.02						2.67	1.25	T	.01	1.49		.66	.82				
PADUCAH	5.42		.10										.08	T										2.30	T		.25	1.76	.93					
PAINTSVILLE	4.13												.60	.03	.20		.35	.28					.28	1.46	.47				.46					
PIKEVILLE	4.22		.34								.07	.07	.08	.41		.06	.48				T		.25	1.29	.35				.33	.46				
PINEVILLE	9.98			.01								1.65	.07	.31	.42		2.00	.10					.02	2.32	.13	2.63	T		.41	3.13	1.32			
PRINCETON	5.82											.09	.32	.34									.21											
RAVENNA LOCK 12	10.63		T			.24						2.52	.86		.08		1.08	.08					.78	2.84	1.10				.18	.87				
RICHMOND	8.77					.05						.87	.15	.07	.10		1.46	.01		.65			.21	2.83	1.26				T	.89	.22			
ROCHESTER LOCK 3	8.45		T	.23							.09	.41		.17	.06		.93							.02					5.75	.79	T			
RUSSELLVILLE	9.16			.12							.15	.13	.46	.54	.03		.51						T	.05		.04			6.16	.97				
RUSSELLVILLE SUBSTA	7.04			.03							.18		.56	.55	.03		.58								T	.04			4.23	.84				
SALVISA LOCK 6	9.09											.04	.81	.16	.03		1.54	.04			.02		.11	2.00	1.85				.65	1.46	.38			
SALYERSVILLE 2 SE	4.24											.20	.02	.32			.72						.39	1.24	.57			1.57	4.58	.36	.10			
SCOTTSVILLE	10.43											.35		.13	.90		.02	2.26					.16				.02	.80		3.55	.93	T		
SCOTTSVILLE 2 SW	8.21											.33	.95	.02			2.12	.10					.09	.10		.02				2.70	1.30			
SEBREE	6.56		.40								.45		.58	.33																				
SHAWNEE STEAM PLANT	7.33		.15	.16			1.08				T	T	.06	.08	.08		.06							2.53		T	.02	2.16	.95	T				
SHELBYVILLE	7.40			.02								.01	.59	.57	.04		1.24	.02			.08		.28	2.13	.70				.53	.94	.25			
SHEPHERDSVILLE	10.90			.22								.49	.65	.28	.14		2.47					.15	.03	3.37	.18				2.30	.12	.50			
SOMERSET 1 N	11.83		.26	.01							4.03	T	.14			.18	1.65					1.05	.08	2.84	.02				1.40	.42	1.22			
SPRINGFIELD	7.94											.26	.25				1.43	.15				.16	.20	1.35	1.10									
STEARNS	9.12			.50								.63	.67	.10	.10		2.50	.08					.48	1.95	.03			.96	.06	1.06				
SUMMER SHADE	7.98										.33	.54	.02	.51			2.15							.95	.05		.27	2.91	.25					
SUMMER SHADE SUBSTA	8.94										.27	.08	.30	.48	.08		3.15			T			.62	.44		.03			2.00	1.49	T			
TAYLORSVILLE	9.37			T								.38	.18	.30			.90					.03	.15	4.43	.47				1.83	.20	.50			
TURKEY CREEK SCHOOL	8.40		.47	.04								.03	.10	1.25	.41									.03			.02	4.56	1.49					
TYRONE LOCK 5	9.81											.12	.14	.15	.07		.99	.07				.03		2.02	3.04	1.40				.73	1.03	.02		
UNIONTOWN DAM 49	4.13			.11								.16	1.07	.62										.26					.82	.56	.53			
VALLEY VIEW LOCK 9	9.00					.01						.11	.32	.17	.12		1.57	.10			.19		.31	2.84	.75				1.16	.85	.50			
VANBUREN	8.05										.07	.03	.275	.04	.19		.73	.03			.09			.389					1.89	.22	.33			
VANCEBURG DAM 32	6.86						.48																.04	1.57	.58				.12	.30				
WARSAW MARKLAND DAM	9.58			.08								.05	1.85	2.15	T		.78	.44				.10	T	3.10	.58				.07	.38				
WAYNEBURG 7 NE	9.73											.17	.33	.40	T		1.68	T			.40		1.13	2.93	.67	T			.49	.68	.85			
WEST LIBERTY	5.93					.12						.09	.03	.25	.63		.62	.03					.73	1.67	.68	T		T		1.08				
WILLIAMSBURG 2	8.04			.12								1.10	.13	.07	.22		2.27	.08					.04	1.86	.27	1.37			.89	.56	.04			
WILLIAMSTOWN 5 WSW	8.55					.16							.68	.54	.25		.45	.13				T		.12	4.24	.49								
WILLOW LOCK 13	10.58			.05			.05					4.25	.24	.15	.06		1.22	.03					.35	2.50	.94			.03	.71					
WOLF CREEK DAM	6.59						.04				.03	.20	.22	.09	.09		1.76	.03					.04	1.60	.17				1.06	1.26				
WOODBURY LOCK 4	7.51			.14							.05	.40		.45	.06		.72								T	.10			4.64	.92	.03			

See Reference Notes Following Station Index

MONTHLY AND SEASONAL SNOWFALL

Season of 1959 - 1960

KENTUCKY

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
ADDISON DAM #5					-	T	-	4.9	-				-
ADOLPHUS 1 N				-	-	-	-	-	-	-	-	-	-
ALBANY 4 N						3.5	-	-	-				-
ANCHORAGE					3	T	T	8.0	16.8	T			25.1
APEX 2 NE					-	-	-	-	-				-
ASHLAND DAM 29					2.0	2.8	1.0	12.9	11.5	T			30.2
BARBOURVILLE					-	-	-	24.0	-				-
BARSTOWN S J PREP SCH					2.0	-	-	8.0	15.9	T			-
BAXTER					1.0	5.7	4.6	-	-	T			-
BEAVER DAM					-	-	-	.5	-				-
BENHAM				T	11.0	8.5	11.2	30.0	46.5	1.0	T		108.2
BENTON 2					1.0	-	2.7	-	14.8				-
BEREA COLLEGE					-	-	-	-	-				-
BEREA WATER WORKS					3.0	3.0	6.5	27.0	23.0				62.5
BLAINE					6.0	1.0	-	21.5	20.5	-			-
BONNIEVILLE					6	-	-	-	27.2			-	-
BOWLING GREEN					-	T	-	11.0	-		-		-
BOWLING GREEN FAA AP					1.0	T	4.0	11.0	32.0				48.0
BRENT DAM 36					1.3	3	T	9.1	11.8	T			22.5
BROWNSVILLE LOCK 6					T	-	-	-	-				-
BURDINE 2 NE					T	2.0	4.5	30.0	29.0				65.5
BURKESVILLE					5	-	-	6.5	-				-
CADIZ LOCK E					-	-	3.0	7.5	33.8				-
CALHOUN LOCK 2					T	T	T	4.2	18.0				22.2
CAMPBELLSVILLE					1.0	1.0	2.5	16.3	26.0				46.8
CANEYVILLE					T	T	-	9.1	27.0	-			-
CARROLLTON LOCK 1					-	T	T	6.5	-				-
CECILIA					-	-	-	-	-	T			-
CLAY CITY 1 WNW					-	2.5	1.5	23.5	-				-
CLERMONT 1 SSE					-	-	-	-	17.1	T			-
COBB					-	-	-	-	-				-
COLLEGE HILL LOCK 11					-	1.0	1.8	16.0	21.0	T			-
COVINGTON W8 AIRPORT R				T	2.3	3.9	2.5	12.1	12.8	T			33.6
CUMBERLAND FALLS ST PK					-	-	-	-	-				-
CYNTHIANA					2.0	.5	T	18.2	16.1	T			36.8
CYNTHIANA 2					4.0	3.8	2.0	14.5	22.6				46.9
DANVILLE					1.2	1.0	2.0	22.7	20.7				47.6
DELPHIA 1 E					-	-	-	-	-				-
DEWEY DAM					5.0	2.0	3.0	20.0	18.0	T			48.0
DIX DAM					-	-	-	-	-				-
DUNDEE BARRETT'S FORD 8R					-	T	.2	2.5	26.0				-
DUNMORE					6	-	3.0	5.7	31.5				-
EDDYVILLE LOCK F					-	-	3.0	-	20.5				-
EDMONTON					-	-	-	-	-				-
ELIZABETHTOWN					6.8	T	-	8.5	18.7	T			-
ELKHORN CITY					2.0	T	5.5	23.0	29.5				60.0
ELKTON 2 S					2.5	T	4.5	4.0	26.5	T			37.5
FALMOUTH					T	T	T	6.5	8.0	T	T		14.5
FARMERS					3.0	1.6	T	23.5	17.8	T			45.9
FLEMINGSBURG					-	-	.5	-	-				-
FLEMINGSBURG 2					2.3	-	T	-	15.8	T			-
FORD LOCK 10					1.0	.1	.5	-	-				-
FORDS FERRY DAM 50					.2	-	T	6.3	17.3				-
FRANKFORT LOCK 4					1.0	.3	.3	7.4	15.2				24.2
FRANKLIN 1 E					T	-	5.0	-	-				-
FREEBURN 2 SW					-	2.7	4.4	16.6	24.5				-
FRENCHBURG					-	-	-	24.0	-				-
GAMALIEL					T	T	-	-	24.7	T			-
GEORGETOWN WATER WORKS					.1	1.3	.6	10.1	18.9				31.0
GEST LOCK 3					-	-	-	-	-				-
GLASGOW					-	-	-	-	-				-
GLASGOW WKAY					.4	1.0	5.5	17.1	30.0				54.0
LENDALE 1 E					-	-	-	5.0	18.8				-
GOLDEN POND 8 N					T	-	T	-	-				-
GRANT DAM 38					.5	T	T	7.4	7.5				15.4
GRAYSON 1 SE					6.0	-	-	12.0	15.8				-
GREENSBURG					1.0	T	4.0	14.5	23.5				43.0
GREENSBURG HIWAY 61 BR					-	-	3.0	15.3	19.5				-
GREENUP DAM 30					4.2	.2	1.0	15.6	10.0	T			31.0
GREENVILLE 2 W					-	-	-	-	-				-
HARTFORD 6 NW					T	T	.6	-	26.0	T			-
HAZARD WATER WORKS					-	-	3.0	-	-				-
HEIDELBERG LOCK 14 R					3.0	T	4.2	21.5	22.4				51.1
HENDERSON 7 SSW					.3	T	T	4.0	21.5				25.8
HICKMAN 1 E					-	T	-	-	23.0				-
HIGH BRIDGE LOCK 7					-	-	T	-	-				-
HINDMAN SETTLEMENT SCH					-	-	-	-	-				-
HOPKINSVILLE					T	T	5.0	4.1	25.7				34.8
HYDEN					-	-	-	-	22.0				-
INEZ					6.0	1.0	-	19.0	14.5				-
IRVINGTON					T	.3	T	6.5	19.4	T			26.2
JACKSON					-	-	-	-	-				-
JEREMIAH					2.0	1.5	3.8	15.0	-				-
KEENE 1 NNE					3.0	1.5	T	15.0	25.5	T			45.0
LA GRANGE 1 SW					.5	.5	-	-	-				-
LANCASTER					-	-	-	-	-				-
LEITCHFIELD					.5	.1	1.6	12.2	25.0				39.4
LEXINGTON W8 AIRPORT R					.8	1.8	.3	16.4	17.7	T			37.0
LIBERTY					.5	-	2.0	-	-				-
LITTLE HICKMAN LOCK 8					-	T	1.0	-	-				-
LOCKPORT LOCK 2					-	-	-	-	-				-
LONDON FAA AIRPORT					4.5	2.4	6.0	20.0	31.0				63.9
LOUISA 2					6.0	1.0	.5	15.1	13.8				36.4
LOUISVILLE					1.3	T	-	4.0	16.4				-
LOUISVILLE W8 AP R					.6	.3	.3	10.7	22.9	T			34.8

See Reference Notes Following Station Index

MONTHLY AND SEASONAL SNOWFALL

CONTINUED

Season of 1959 - 1960

KENTUCKY

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
LOUISVILLE UPPER GAGE					2.2	T	2.0	5.4	17.7				23.3
LOVELACEVILLE					-	T	2.0	8.0	21.0				-
MADISONVILLE 1 SE					-	-	2.5	3.0	20.5				-
MAMMOTH CAVE PARK					1.7	T	3.7	15.4	23.5	T			44.3
MANCHESTER 4 SE					4.0	T	5.0	-	-				-
MARTIN 1 SSW					3.0	T	4.5	-	-				-
MAYFIELD					-	T	-	-	24.0				-
MAYSVILLE OAM 33					-	-	2.2	-	-				-
MCKEE					-	-	-	30.5	27.5				-
MIDDLESBORO					1.4	2.4	6.3	19.5	21.5	T			51.1
MIDWAY					2.0	T	T	13.0	16.5				33.5
MILLERSTOWN					2.6	T	2.0	9.9	22.6				35.3
MONTICELLO					1.1	2.5	6.0	22.5	25.5				57.6
MOUNT STERLING					-	-	-	21.0	-	T			-
MOUNT VERNON					-	-	3.5	-	-				-
MUNFORDVILLE 1 N					-	T	3.8	6.3	24.5	T			-
MURRAY					3	T	5.2	1.2	19.2				25.9
OLNEY					-	-	-	-	-				-
ONEIDA					2.5	2.5	4.0	-	27.0				-
ONEONTA OAM 35					2.7	-	2.3	-	-				-
OWENSBORO 2 W					-	T	2.3	4.8	20.5				-
OWENSBORO DAM 46					-	T	-	5.6	-				-
PADUCAH FAA AIRPORT					2.6	T	1.7	7.0	24.0				33.5
PADUCAH					2.5	2.3	1.2	3.3	18.3				23.6
PAINTSVILLE					3.3	T	T	-	13.0				-
PIKEVILLE					6.0	T	4.2	16.3	13.2				39.7
PINEVILLE					1.0	1.0	7.4	18.0	26.9	-			-
PRINCETON					-	-	-	11.3	19.6				-
RAVENNA LOCK 12					-	-	1.0	-	-				-
RICHMOND					2.0	2.5	2.0	21.5	22.0	T			50.0
ROCHESTER LOCK 3					-	T	2.3	-	-				-
RUSSELLVILLE					-	-	4.5	11.1	27.5				-
SALVISA LOCK 6					-	-	-	-	-				-
SALYERSVILLE 2 SE					-	-	-	-	-				-
SCOTTSVILLE					1.0	T	5.0	15.0	23.5				44.5
SCOTTSVILLE 2 SW	-	-			T	2.5	4.5	18.5	25.8				-
SEBREE					-	-	-	-	18.9				-
SHELBYVILLE					-	T	-	-	17.0				-
SHEPHERDSTOWN					-	-	-	-	-				-
SOMERSET 1 N					-	-	-	-	-				-
SPRINGFIELD					1.5	T	-	11.5	18.0				-
STEARNS					1.9	-	-	-	-				-
SUMMER SHADE					T	T	7.0	17.5	25.5				50.0
TAYLORSVILLE					-	-	-	6.8	17.3				-
TYRONE LOCK 5					-	-	T	-	-				-
UNIONTOWN OAM 49					T	-	-	-	-				-
VALLEY VIEW LOCK 9					T	T	-	20.9	17.0	T			37.9
VANBUREN	-	-	-	-	-	-	-	-	-				-
VANCEBURG OAM 32					-	T	-	-	-				-
WARSAW MARKLAND OAM					T	T	T	-	-				-
WAYNESBURG 7 NE					2.0	3.0	7.0	23.0	22.0				57.0
WEST LIBERTY					7.0	2.3	-	23.5	19.4	T			-
WILLIAMSBURG 2					-	-	-	-	-				-
WILLIAMSTOWN 5 WSW					3.0	T	T	11.7	15.6	T			30.3
WILLOW LOCK 13					-	-	-	-	-				-
WOLF CREEK OAM					-	-	-	15.3	-				-
WOODBURY LOCK 4					2.5	T	2.2	8.6	-				-

See Reference Notes Following Station Index

DAILY TEMPERATURES

KENTUCKY
JUNE 1960

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AODISON OAM 45	MAX MIN	83 54	86 56	84 60	88 62	92 60	87 56	78 54	80 55	85 55	85 56	90 56	94 62	85 67	82 65	78 62	86 58	87 62	70 51	80 52	85 56	91 65	89 64	92 72	90 65	88 60	88 58	86 60	88 60	86 62	87 60	85.7 59.5	
ANCHORAGE	MAX MIN	80 55	77 57	83 57	87 58	88 61	78 55	76 52	76 52	81 57	86 56	88 63	85 67	81 65	75 63	78 56	89 67	74 59	81 65	85 61	82 60	90 69	83 63	78 66	75 56	79 55	85 61	75 62	84 65	84 65	81.4 59.8		
ASHLAND OAM 29	MAX MIN	85 52	86 52	85 64	89 54	93 66	78 64	74 52	79 57	80 63	80 58	91 62	85 70	86 63	80 67	79 62	89 66	83 64	70 58	81 55	85 59	81 58	84 64	80 65	85 70	76 56	84 54	88 60	81 65	87 65	87 68	83.0 60.9	
BARBOURVILLE	MAX MIN	82 50	82 50	83 61	85 58	90 60	82 53	81 61	83 58	84 54	88 52	85 61	88 63	85 64	83 66	81 56	82 67	75 64	74 58	85 54	88 59	86 63	89 63	90 61	88 65	72 58	84 58	85 60	85 63	89 63	89 66	84.1 58.4	
BAROSTOWN S J PREP SCH	MAX MIN	83 53	82 58	84 59	89 56	90 59	90 54	78 55	79 53	84 58	89 58	90 66	87 67	83 66	81 65	82 60	91 69	85 60	77 48	82 51	87 54	89 58	92 65	92 63	81 65	77 58	82 55	83 60	86 65	88 67	86 65	84.9 59.7	
BAXTER	MAX MIN	80 51	84 51	82 52	83 57	87 59	89 59	84 57	83 59	82 57	83 53	84 62	81 62	82 66	82 64	78 57	77 56	87 57	75 57	81 57	87 58	89 64	83 63	85 64	80 59	84 59	77 59	82 60	86 62	73 67	88 67	82.6 58.8	
BEAVER OAM	MAX MIN	83 52	81 58	87 57	91 60	91 60	84 60	77 53	78 60	85 53	88 61	90 65	82 70	86 67	84 64	89 61	83 60	78 48	87 56	89 61	92 68	95 74	93 66	84 70	76 60	83 57	81 65	85 66	86 65	91 68	85.1 61.3		
BENHAM	MAX MIN	78 47	84 47	80 55	82 57	85 54	90 58	82 46	81 47	85 51	83 48	84 53	81 59	84 60	84 67	83 54	77 51	88 60	79 52	81 56	86 58	83 59	87 61	83 66	86 58	78 56	83 55	86 60	87 66	91 62	83.6 56.5		
BENTON 2	MAX MIN	83 52	85 64	87 53	90 57	91 60	88 65	79 51	79 56	84 53	92 59	92 64	88 69	82 64	82 63	83 54	86 62	82 60	80 46	85 60	88 56	94 62	96 75	93 73	88 68	79 61	78 59	78 67	90 65	90 63	93 72	86.2 60.9	
BEREA COLLEGE	MAX MIN	82 51	82 51	82 62	87 53	91 56	83 58	81 52	81 52	84 53	87 55	92 56	88 57	86 61	83 63	81 59	98 72	72 58	76 52	84 50	87 52	87 54	91 55	89 58	84 59	87 58	82 55	82 56	79 56	83 57	87 60	84.7 55.9	
BLAINE 1 W	MAX MIN	83 44	84 49	83 58	90 50	91 53	88 55	78 46	80 47	83 47	85 48	89 49	85 62	86 63	81 63	80 55	90 50	86 51	78 51	83 50	88 50	82 50				88 63	85 66	74 55	82 50	88 50	80 50	87 50	84.2 52.6
BONNIEVILLE	MAX MIN																																
BOWLING GREEN FAA AP	MAX MIN	84 53	80 59	85 62	89 57	93 58	82 63	81 57	82 63	88 59	88 62	91 67	88 70	82 65	84 64	86 58	88 62	72 60	77 54	85 62	89 69	94 66	95 70	84 66	85 67	75 63	83 61	80 66	87 67	85 66	91 72	85.1 62.6	
CAMPBELLSVILLE	MAX MIN	83 52	83 56	82 66	91 55	93 60	87 63	82 55	82 59	86 53	90 61	91 67	89 67	83 67	79 63	81 62	89 62	75 60	79 51	85 55	88 60	89 66	91 71	89 63	81 65	78 60	83 59	83 62	88 65	85 66	88 62	85.2 61.2	
CARROLLTON LOCK 1	MAX MIN	80 56	80 56	86 60	89 59	91 61	88 56	75 50	77 50	81 57	86 52	88 60	86 67	85 66	76 64	79 60	90 60	84 52	74 52	83 56	84 63	82 60	91 68	89 64	82 68	79 57	82 53	85 58	65 65	87 67	85 66	83.2 59.7	
CECILIA	MAX MIN	82 51	77 56	77 57	85 59	89 59	90 59	78 53	77 55	78 53	88 58	91 63	90 65	83 63	83 65	77 58	82 57	90 59	69 59	78 55	83 66	85 64	90 66	93 65	80 59	81 66	85 58	81 63	84 65	83 62	85 64	83.2 59.1	
CLERMONT 1 SSE	MAX MIN	84 53	85 54	85 58	92 58	93 59	92 58	82 53	80 52	85 52	90 57	92 65	86 67	85 64	79 65	83 58	90 61	90 60	82 47	84 53	84 60	88 64	94 71	94 63	82 67	82 57	84 56	86 61	84 65	86 67	87 64	86.4 59.6	
COVINGTON WB AIRPORT	MAX MIN	83 57	80 62	83 58	89 63	90 66	75 54	74 52	78 51	81 56	86 53	90 65	86 68	83 66	74 60	80 58	91 63	72 57	74 52	85 58	83 60	76 59	91 67	81 64	78 63	80 55	84 55	88 64	70 65	78 65	84 70	81.6 60.2	
CYNTHIANA 2	MAX MIN	81 50	84 53	84 58	86 54	90 53	91 58	79 45	75 52	79 55	87 58	90 66	89 68	86 62	82 58	78 55	81 63	72 47	75 47	82 58	86 63	84 64	90 61	83 64	82 55	78 49	78 57	88 54	87 64	73 66	86 64	83.2 58.0	
OANVILLE	MAX MIN	78 52	81 55	81 59	83 55	88 60	89 53	80 53	77 55	79 56	83 57	87 60	89 65	86 66	83 63	75 57	80 58	89 61	68 51	75 51	81 55	85 60	85 61	89 62	80 60	81 57	76 55	80 60	86 63	75 64	85 62	81.8 58.3	
OWEY OAM	MAX MIN	79 51	82 52	85 54	82 60	88 56	90 55	74 49	78 52	79 52	84 52	85 62	89 66	88 68	85 66	80 56	79 54	90 57	80 52	83 56	87 58	80 61	88 64	81 65	87 57	78 54	83 59	89 61	78 64	83 67	87 67	82.9 57.5	
OIX OAM	MAX MIN	82 46	82 51	84 56	88 56	92 60	84 59	79 47	78 55	83 60	88 56	90 66	91 68	83 67	80 65	79 59	90 60	86 63	75 50	82 54	85 59	85 62	90 70	90 62	80 59	82 57	85 64	78 65	85 70	86 63	84.1 61.3		
ELIZABETHTOWN	MAX MIN	82 54	82 53	85 59	89 58	90 57	86 51	77 55	78 57	83 58	82 59	90 67	87 68	82 66	80 64	81 60	90 67	84 61	76 54	83 54	85 61	90 68	92 70	91 65	81 67	78 59	81 58	81 67	82 66	85 65	89 68	84.1 61.2	
FALMOUTH	MAX MIN	84 52	84 54	87 61	91 56	92 60	80 59	75 48	80 47	83 54	87 50	91 59	86 66	80 67	75 65	81 60	90 55	80 61	74 52	84 55	85 60	81 61	90 64	82 65	83 69	80 55	86 50	87 57	70 62	83 64	84 66	83.2 58.5	
FARMERS	MAX MIN	83 46	84 51	84 56	89 56	90 59	90 60	76 47	80 48	82 52	85 47	89 55	87 61	86 66	82 66	81 59	90 60	87 54	74 50	83 51	85 56	83 61	89 62	87 64	82 67	80 54	83 51	87 56	85 61	86 65	86 68	84.5 56.9	
FLEMINGSBURG 2	MAX MIN	82 50	84 54	84 60	88 55	91 60	78 57	73 51	78 49	80 54	85 59	91 65	88 65	85 66	82 64	81 57	90 57	75 61	72 51	80 51	84 58	81 59	88 66	87 65	82 68	75 55	82 52	87 57	75 64	86 66	85 62	82.6 58.3	
FOROS FERRY OAM 50	MAX MIN	86 56	84 64	89 57	92 63	91 65	78 63	76 59	78 60	85 57	90 63	91 68	84 71	84 69	76 62	80 59	87 63	80 57	74 53	86 62	94 67	86 72	91 77	86 70	82 70	84 62	88 61	86 70	88 65	92 68	86.0 63.6		
FRANKFORT LOCK 4	MAX MIN	80 55	83 55	82 56	86 56	90 59	91 59	79 50	77 52	79 56	84 57	88 62	89 67	86 67	82 67	78 58	80 67	90 62	68 50	75 51	82 57	86 62	86 65	90 64	83 57	80 54	77 55	82 62	85 65	86 68	87 67	82.6 58.6	
GLASGOW WKAY	MAX MIN	83 50	83 55	83 59</																													

DAILY TEMPERATURES

KENTUCKY
JUNE 1960

Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
INEZ	MAX MIN	85 48	86 51	86 59	91 59	92 55	88 64	79 48	80 51	84 52	86 49	90 51	88 63	87 68	84 66	80 55	92 53	89 54	74 54	87 50	95 51	91 51	86 60	83 62	88 61	79 57	85 53	90 57	86 62	90 65	85 67	86.2 56.5	
IRVINGTON	MAX MIN	86 53	83 57	88 57	92 59	92 61	85 58	78 54	79 53	85 55	92 60	93 68	86 69	84 67	77 64	85 56	90 63	80 59	78 48	85 56	87 63	92 67	95 74	90 60	82 68	77 58	84 57	85 64	83 65	85 65	91 65	85.6 60.8	
LEITCHFIELD	MAX MIN	82 56	78 62	85 57	89 60	90 64	88 58	77 55	78 58	84 58	90 61	90 67	87 69	82 66	76 63	86 59	90 62	79 59	76 51	82 57	86 63	89 68	93 72	84 60	80 70	74 60	80 59	78 64	90 65	82 65	89 65	83.5 61.7	
LEXINGTON W8 AIRPORT	MAX MIN	81 58	81 61	83 62	88 63	90 65	78 59	75 54	78 53	81 58	85 60	90 67	85 68	82 67	77 59	80 58	90 61	67 59	74 50	81 55	84 61	85 62	89 67	80 72	80 64	75 58	82 59	85 64	76 65	85 68	84 64	81.7 61.0	
LONDON FAA AIRPORT	MAX MIN	80 49	78 52	80 59	85 57	88 55	79 60	74 55	79 58	81 57	85 55	86 62	81 63	83 64	78 62	77 67	87 55	71 55	73 52	81 51	85 57	83 62	87 63	80 62	82 66	71 60	80 58	83 63	71 63	85 69	86 61	80.6 59.1	
LOUISVILLE	MAX MIN																																
LOUISVILLE W8 AP	MAX MIN	80 56	77 57	83 57	86 59	87 63	76 57	75 54	76 53	82 57	84 59	89 66	85 67	83 66	76 62	80 59	89 61	68 58	74 48	82 56	84 64	85 64	93 72	81 64	79 63	75 59	80 57	83 63	77 65	85 69	86 66	81.3 60.7	
LOVELACEVILLE	MAX MIN	84 54	82 54	89 54	92 60	91 61	81 60	78 55	80 56	89 53	91 62	92 66	90 70	84 67	78 62	84 52	86 65	80 56	83 47	88 59	92 60	95 63	98 75	90 74	87 68	81 62	80 62	78 66	84 64	91 66	88 66	86.2 61.7	
MAOISONVILLE 1 SE	MAX MIN	84 52	83 60	87 56	91 58	92 62	82 62	78 54	80 60	86 52	88 60	90 67	88 63	84 70	76 62	82 59	87 67	82 59	80 50	86 60	90 61	92 66	96 72	93 62	85 70	78 59	83 57	81 65	82 61			85.2 61.4	
MAMMOTH CAVE PARK	MAX MIN	81 53	79 56	85 61	88 55	89 62	84 62	79 50	80 58	83 56	86 61	88 65	84 65	80 67	75 62	80 59	86 62	79 58	75 49	83 54	85 60	87 66	90 72	88 62	80 70	76 58	79 58	75 63	81 65	80 68	86 66	82.4 60.4	
MANCHESTER 4 SE	MAX MIN	81 53	84 50	84 60	85 61	89 59	91 54	89 49	80 52	82 57	85 56	87 51	86 53	85 62	85 65	81 57	89 53	75 63	76 58	85 53	88 55	86 60	90 63	87 63	86 68	77 59	84 57	87 61	85 66	87 61	88 66	84.8 58.1	
MAYFIELD	MAX MIN	83 55	83 65	89 55	90 62	90 62	84 65	78 56	80 57	87 55	88 64	89 68	87 70	84 64	75 62	81 58	84 68	81 57	81 51	86 59	90 63	94 66	96 76	91 76	87 70	80 62	77 63	77 65	90 62	90 64	91 73	85.4 63.1	
MAYSVILLE OAM 33	MAX MIN	78 50	80 52	83 57	84 54	87 55	89 59	75 47	72 45	78 50	80 50	83 53	89 60	84 64	81 66	77 54	78 55	89 61	70 51	72 54	81 57	81 61	77 63	81 64	80 64	77 54	77 56	82 65	85 59	75 65	81 69	80.6 56.9	
MIDDLESBORO	MAX MIN	83 48	80 49	80 59	89 58	91 55	87 56	83 53	83 55	84 54	84 52	83 60	87 64	85 64	80 66	80 54	88 55	78 61	81 50	87 56	90 55	85 60	87 63	85 62	85 67	80 60	81 59	86 61	83 62	90 66	85 68	84.4 58.2	
MONTICELLO	MAX MIN	83 50	80 54	82 60	88 56	89 55	87 64	80 52	82 55	85 56	86 66	86 66	82 66	83 66	80 66	80 59	89 63	73 57	77 51	84 52	87 56	88 64	89 61	84 71	75 60	82 59	83 63	88 66	70 66	83 64	88 64	83.2 60.4	
MOUNT STERLING	MAX MIN	82 53	83 56	83 61	87 55	90 61	86 58	75 51	77 50	81 56	84 55	88 62	86 65	85 66	78 64	78 57	88 57	80 62	72 54	80 52	85 58	83 57	87 66	85 62	81 68	77 57	78 55	85 60	82 63	85 65	84 64	82.5 59.0	
MOUNT VERNON	MAX MIN																																
MURRAY	MAX MIN	85 62	83 64	88 57	90 60	92 64	82 66	80 57	80 60	88 56	87 63	91 68	91 72	87 65	77 63	83 59	82 67	74 61	82 51	85 60	90 63	94 67	95 70	96 73	89 77	82 70	76 62	75 69	89 65	89 66	90 70	85.7 64.2	
OWENSBORO 2 W	MAX MIN	85 55	82 62	89 57	91 60	92 65	80 60	79 57	81 58	89 59	92 63	92 67	87 71	88 69	75 63	87 57	90 64	83 59	83 49	89 61	91 64	96 67	97 76	92 69	83 68	84 58	86 58	80 66	87 66	87 68	90 68	86.9 62.6	
PAOUCAH FAA AIRPORT	MAX MIN	83 56	82 62	87 57	89 56	90 64	78 59	74 57	79 53	87 53	88 63	89 68	87 72	80 66	76 61	82 59	86 67	72 54	80 49	87 60	91 63	94 71	96 78	90 66	80 64	79 63	78 63	79 67	89 69	87 65	91 75	84.3 62.8	
PAOUCAH	MAX MIN	85 55	85 65	87 54	92 56	92 64	88 63	79 54	82 59	89 63	92 61	93 69	90 71	87 68	79 62	84 59	86 60	60 47	85 59	93 64	96 64	98 78	96 77	85 65	89 62	80 63	80 67	89 65	90 65	82 70	87.8 62.2		
PIKEVILLE	MAX MIN	86 60	85 54	85 60	90 63	93 60	82 59	82 56	81 57	86 59	86 67	88 65	80 64	87 67	84 61	81 53	93 56	83 63	77 61	85 56	91 61	84 59	86 65	85 66	80 62	82 56	89 59	90 66	81 66	88 65	86 68	85.5 60.3	
PRINCETON	MAX MIN	85 52	83 62	90 54	93 57	94 60	81 64	78 55	82 61	83 56	82 52	90 62	89 70	78 63	79 62	84 59	85 62	80 60	83 47	89 59	92 61	94 64	97 71	97 61	85 73	80 62	77 59	88 62	88 69	91 65	90 70	85.9 61.3	
RICHMOND	MAX MIN	79 54	81 56	82 60	82 54	87 61	89 61	77 53	74 54	76 59	81 59	85 62	90 66	86 66	83 59	79 59	79 58	90 62	70 53	74 53	80 59	85 60	88 60	88 63	79 62	81 59	74 57	81 62	83 63	86 64	86 63	81.3 59.5	
RUSSELLVILLE	MAX MIN	85 51	81 58	87 59	92 55	93 65	84 64	84 56	90 60	90 53	84 62	91 68	87 69	80 68	79 65	84 56	88 65	80 59	79 50	86 55	90 64	94 69	97 76	86 70	84 70	76 61	82 57	76 65	87 64	88 65	91 72	85.6 61.6	
SCOTTSVILLE	MAX MIN	84 51	80 58	84 60	90 53	92 56	88 63	80 61	81 56	87 56	87 61	89 68	81 69	84 68	79 62	83 58	87 61	78 58	80 47	85 55	89 64	92 66	94 74	86 65	82 73	75 61	82 60	83 65	84 66	90 71	84.7 61.5		
SHELBYVILLE	MAX MIN	80 57	80 60	79 57	82 58	88 62	90 57	75 52	74 51	78 56	81 58	87 64	89 67	87 65	82 57	73 57	79 60	88 61	66 48	88 53	86 63	93 61	94 60	81 62	80 62	75 58	80 61	83 64	75 64	85 64	85 64	81.0 59.5	
SOMERSET 1 N	MAX MIN	81 46	80 52	80 60	88 53	89 65	87 65	77 55	79 58	83 59	87 65	89 68	83 65	82 65	79 65	80 59	88 62	72 57	73 48	82 52	86 59	85 64	89 68	86 59	83 73	78 61	83 63	86 64	74 64	86 65	87 65	82.7 60.0	
SUMMER SHAOE	MAX MIN	85 52	85 56	85 56	91 53	95 66	85 66	79 55	84 58	87 59	88 61	90 68	87 69	84 67	78 58	84 59	90 60	75 57	77 50	85 60	90 65	92 68	94 72	87 63	81 70	73 62	83 67	83 63	81 65	91 70	85.1 61.1		
VANCEBURG OAM 32	MAX MIN	82 50	84 53	83 59	87 55																												

MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1959 - 1960

KENTUCKY

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Long-term means July-June
ADDISON DAM 45							905	928	992	224	164	4		
ANCHORAGE	0	0	22	271	681	808	885	931	1051	241	184	6	5080	
ASHLAND DAM 29	0	0	24	223	611	738	802	871	956	200	142	3	4570	
BARBOURVILLE	0	0	14	208	598	733	764	859	961	185		3		
BARDSTOWN 5 J PREP SCH	0	0	12	237	619	762	830	856	1030	199	162	2	4709	
BAXTER	0	0	14	228	655	810	850	878	1031	295	181	0	4942	
BEAVER DAM	0	0	13	229	594	733	791	866	990	174	155	2	4547	
BENHAM	3	0	15	245	630	807	865	907	1040	280	198	3	4993	
BENTON 2	0	0	8	259	652	728	811	847	1028	227	184	2	4746	
BEREA COLLEGE	0	0	18	208	601	711	812	894	1044	178	158	1	4625	
BLAINE	0	0	33	270	691	822	856	892	1023	218	174	5	4984	
BONNIEVILLE	0	0	16	244	633	754	837	944	1076	218	167	0		
BOWLING GREEN FAA AP	0	0	7	228	659	758	831	907	999	216	163	0	4768	4279
CAMPBELLVILLE	0	0	11	205	597	735	821	888	986	183	153	0	4579	
CARROLLTON LOCK 1	0	0	27	257	639	777	859	902	1024	216	170	5	4876	
CECILIA	0									260	189	6		
CLERMONT 1 SSE	0	0	12	226	584	721	813	873	987	198	162	0	4576	
COVINGTON WB AIRPORT R	0	0	37	294	724	841	937	944	1090	262	187	4	5320	
CYNTHIANA 2	0	0	30	273	713	833	925	1022	1128	285	212	12	5433	
DANVILLE	0	0	26	270	685	807	915	990	1104	269	184	9	5259	
DEWEY DAM	0	0	27	229	631	797	862	891	1019	272	161	5	4894	
DIX DAM	0	0	14	205	584	731	827	912	1027	181	162	2	4645	
ELIZABETHTOWN	0	0	14	232	623	734	809	870	1013	187	164	2	4648	
FALMOUTH	0	0	35	259	645	791	877	944	1042	233	183	6	5015	
FARMERS	0	0	30	238	620	785	845	936	1035	215	160	5	4869	
FLEMINGSBURG 2	0	0	31	258	660	794	915	976	1043	226	176	7	5086	
FOROS FERRY DAM 50	0	0	7	214	636	717	816	857	983	166	135	0	4531	
FRANKFORT LOCK 4	0	0	28	273	697	815	894	967	1113	295	193	8	5283	
GLASGOW WKAY	0	0	18	233	627	743	830	892	996	189	170	2	4700	
GOLDEN POND 8 N	0	0	10	218	638	688	798	825	956	176	142	3	4454	
GRAYSON 1 SE	0	0	50	293	692	838	894	980	1093	287	194	14	5335	
GREENSBURG	0	0	14	249	659	776	864	932	1028	254	166	4	4946	
GREENVILLE 2 W	0	0	9	236	615	717	833	857	988	187	182	1	4595	
HEIDELBERG LOCK 14 R	0	0	24	227	627	778	816	892	990	209	146	1	4710	
HENDERSON 7 SSW	0	0	14	240	673	740	839	873	1015	202	142	2	4740	
HICKMAN 1 E	0	0	2	213	643	716	819	807	940	187	133	2	4462	
HINDMAN SETTLEMENT SCH	0	0			673	866	949	977	1050	317	185	12		
HOPKINSVILLE	0	0	8	215	665	739	862	863	1002	204	141	1	4700	
INEZ	0	0	53	314	730	734	804	851	952	186	130	2	4756	
IRVINGTON	0	0	16	243	640	768	829	886	1022	188	159	2	4753	
LEITCHFIELD	0	0	13	215	622	740	829	882	999	191	148	1	4640	
LEXINGTON WB AIRPORT R	0	0	24	253	672	813	893	980	1089	243	174	6	5147	4677
LONDON FAA AIRPORT	0	0	21	278	703	813	895	973	1085	256	184	4	5212	
LOUISVILLE	0	0	10	217	614	744	841	877	997	182	141	6	4748	4439
LOUISVILLE WB AP R	0	0	11	241	642	771	830	897	1002	197	151	6	4748	
LOVELACEVILLE	0	0	6	214	627	712	827	823	945	176	135	0	4465	
MADISONVILLE 1 SE	0	0	15	228	643	720	826	837	991	181	140	1	4582	
MAMMOTH CAVE PARK	0	0	32	238	619	743	835	882	988	177	154	3	4671	
MANCHESTER 4 SE	0	0	16	209	606	741	794	848	986	217	153	0	4570	
MAYFIELD	0	0	5	212	598	688	810	829	925	161	122	0	4350	
MAYSVILLE DAM 33	0	0	51	292	700	838	936	1000	1122	308	219	18	5484	
MIDDLESBORO	0	0	4	203	583	711	770	806	922	201	159	0	4359	
MONTICELLO	0	0	6	209	601	717	798	899	981	217	153	1	4582	
MOUNT STERLING	0	0	25	230	645	776	855	929	1033	198	159	5	4855	
MOUNT VERNON	0	0	22	214	652	778	867	938	1011	209				
MURRAY	0	0	4	191	616	693	801	835	951	154	125	0	4370	
OWENSBORO 2 W	0	0	5	208	631	729	822	876	1025	188	142	0	4626	
PADUCAH FAA AIRPORT	0	0	6	246	710	743	852	873	991	199	135	2	4757	
PADUCAH	0	0	2	194	620	694	792	810	928	131	116	0	4287	
PIKEVILLE	0	0	4	174	565	698	746	779	883	145	123	0	4117	
PRINCETON	0	0	4	212	626	723	814	834	957	188	141	0	4499	
RICHMOND	0	0	29	276	674	813	901	998	1095	272	180	5	5243	
RUSSELLVILLE	0	0	6	212	598	707	793	855	931	180	150	0	4432	
SCOTTSVILLE	0	0	5	196	590	705	792	855	952	176	145	1	4417	
SHELBYVILLE	0	0	23	233	601	803	940	991	1125	287	193	12	5208	
SOMERSET 1 N	0	0	16	245	652	774	865	927	1019	215	165	5	4883	
SUMMER SHADE	0	0	10	217	617	750	843	915	992	204	154	1	4703	
VANCEBURG DAM 32	0	0	41	255	648	791	885	922	1039	245	166	6	4998	
WARSAW MARKLAND DAM	0	0	14	228	658	806	894	931	1044	229	170	1	4975	
WEST LIBERTY	0	0	43	297	712	856	917	989	1070	288	188	10	5370	
WILLIAMSBURG 2	0	0	3	206	617	742	812	889	986	255	162	1	4673	
WILLIAMSTOWN 5 WSW	0	0	43	322	769	867	968	1018	1146	310	207	14	5664	
WOLF CREEK DAM	0	0	10	249	662	764	857	922	1016	288	177	7	4952	

See Reference Notes Following Station Index

EVAPORATION AND WIND

KENTUCKY
JUNE 1960

Station		Day of month																															Total Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DEWEY DAM	EVAP	.19	.18	.14	.13	.25	.19	.09	.23	.10	.19	.20	.12	.09	.12	.17	.11	.25	.06	.11	.15	.23	.07	.14	.14	.15	.18	.14	.25	.04	.20	4.61 226	
	WIND	4	0	3	0	0	0	3	6	4	4	3	7	14	7	24	9	31	19	3	1	4	2	19	19	17	3	2	2	4	12		
DIX DAM	EVAP	.18	.24	.19	.25	.26	.30	.31	.30	.29	.29	.18	.32	.15	.18	.15	.23	.37	.11	.21	.20	.32	.14	-	.10	.29	.16	.14	.21	.09	.41	B6.80 1407	
	WIND	22	11	30	17	2	46	60	69	64	25	7	84	55	73	74	36	111	62	31	26	47	36	83	55	69	24	17	54	63	54		
MADISONVILLE 1 SE	EVAP	.28	.14	.00	.28	.25	.37	.31	.28	.34	.21	.35	.14	.28	.34	.27	.28	.31	.28	.28	.21	.31	.32	.36	.20	.28	.28	.28	-	.38	.14	B8.02 1504	
	WIND	56	29	22	18	21	51	47	56	55	25	36	58	67	67	76	40	116	63	33	30	36	46	75	70	53	38	28	77	78	37		
WOLF CREEK DAM	EVAP	.22	.24	.06	.19	.24	.22	.32	.28	.29	.19	.21	.20	.14	.15	.17	.24	.08	.28	.21	.37	.17	.15	.36	.01	.06	.18	.10	-	.24	.20	B5.97 627	
	WIND	7	6	9	15	5	11	26	36	27	15	14	20	14	18	16	25	58	35	20	15	10	10	60	10	21	12	9	28	54	21		

Dix Dam - Evaporation pan is coated with aluminum paint inside and out each year before being placed in operation.

DAILY PRECIPITATION

KENTUCKY
DELETED DATA

Station	Day of month																															Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARCH 1960																																
FLEMINGSBURG			.57	.05	T		.14			.52		.62																			1.90	

CORRECTIONS

MONTH: MARCH 1960

Climatological Data Table:
Ashland Dam 29

Daily Temperature Table:
Ashland Dam 29

Cover Page:

Correct as follows: Average maximum
43.2; average temperature, 34.1;
departure from long-term average, -11.9;
total degree days, 956.

Maximum temperature on 31st should be 62,
average maximum, 43.2

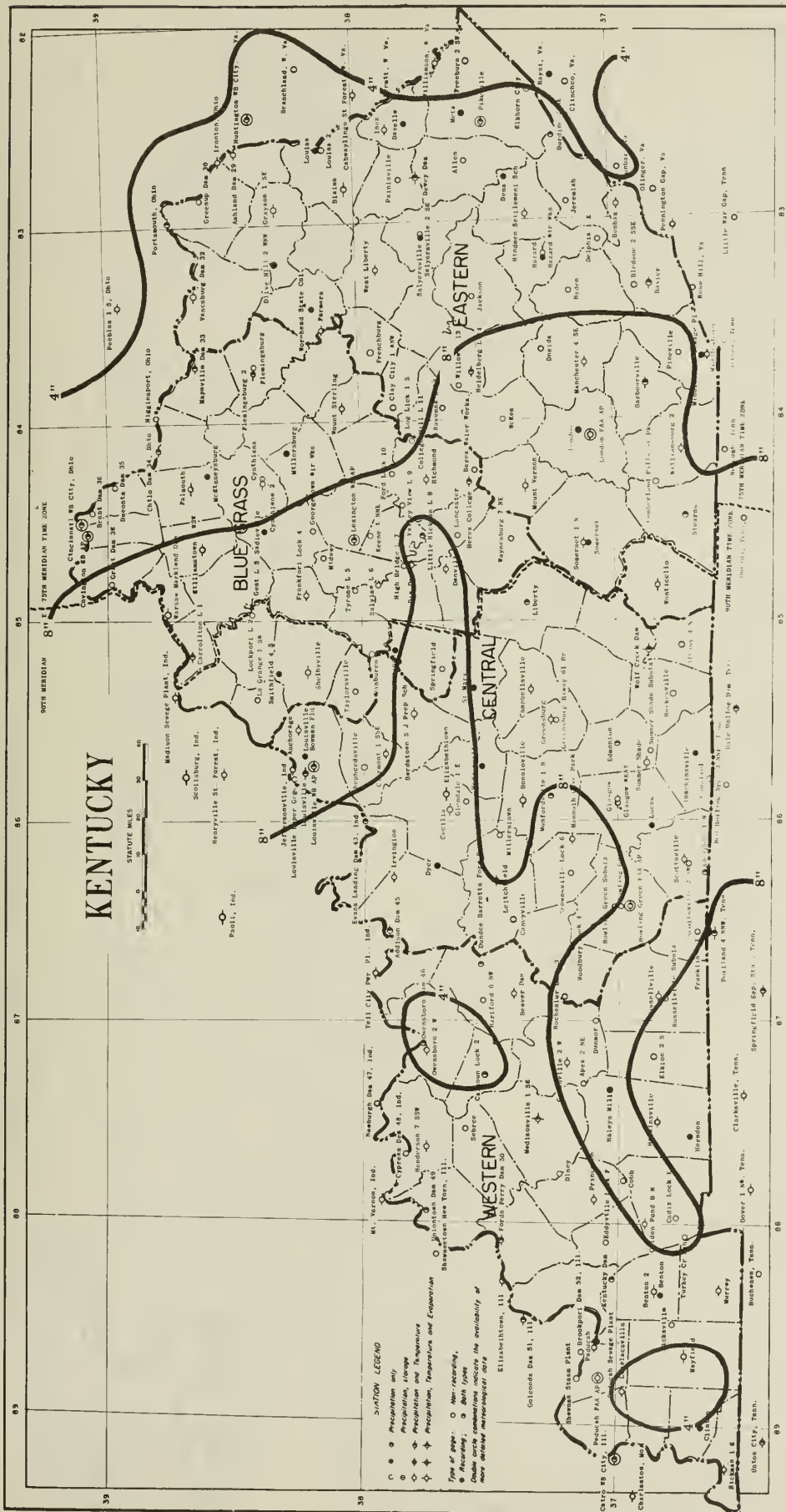
MONTH: MAY 1960

The name of the Secretary of Commerce
should be Frederick H. Mueller

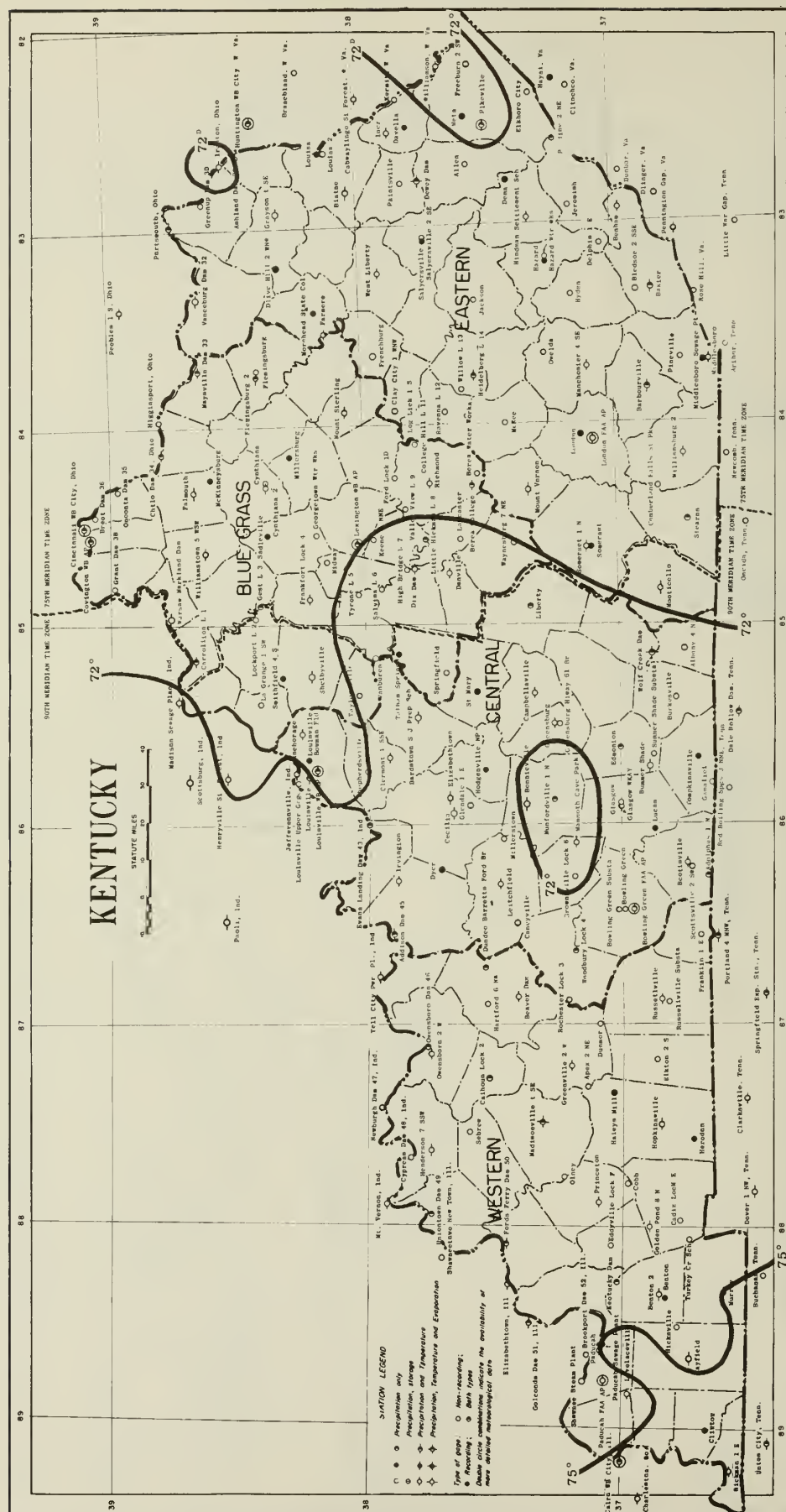
See Reference Notes Following Station Index

TOTAL PRECIPITATION

KENTUCKY
JUNE 1960



KENTUCKY
JUNE 1960



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

KENTUCKY
JUNE 1960

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES			OBSERVER
							TEMP.	PRECIP.	EVAP.	
ADDISON DAM 45	0031	BRECKINRIDGE	7	37 55	86 34	380	6A	6A		C CORPS OF ENGINEERS
ALBANY & M	0063	CLINTON	2	36 45	85 08	1000	7A			MRS. BARBARA M. COOL
ANCHORAGE	0155	JEFFERSON	3	38 16	85 33	700	7P			CHARLES G. HARREY
ARPEX 2 NE	0185	MULLENBERG	3	37 08	87 19	510	7A			SENCER PROSE
ASHLAND DAM 29	0254	BOYD	7	38 27	82 36	551	6P			CORPS OF ENGINEERS
BARBOURVILLE	0381	KNOX	2	36 52	83 53	1000	6P			C UNION COLLEGE
BARSTOWN 5 J PRER SCH	0397	NELSON	8	37 48	85 28	631	5P			H ST. JOSEPH PREP. SCHOOL
BAXTER	0450	HARLAN	2	36 51	83 20	1164	7A			C HONOR NOLAN
BEAVER DAM	0490	OHIO	3	37 25	86 52	441	6P			H E. G. YOUNG
BENHAM	0595	HARLAN	2	36 56	82 57	1585	8A			H C. C. WHITEAKER
BENTON	0611	MARSHALL	9	36 51	88 20	395	5P			C JAMES H. MILLER
BENTON 2	0615	MARSHALL	9	36 51	88 20	305	5P			RADIO STATION WBL
BERRY COLLEGE	0619	HARLAN	4	37 34	84 18	1070	6P			C H JAMES A. GROSSMAN
BERRY WATER WORKS	0624	MADISON	3	37 33	84 15	1010	7A			MRS. LAURA B. GABBARD
BLAINE 1 W	0752	LAWRENCE	1	38 02	82 52	690	8A			JOHN LEE BURTON
BONNIEVILLE	0854	HART	3	37 23	85 54	684	5P			CITY OF BONNIEVILLE
BOWLING GREEN	0904	HARPER	3	37 00	86 26	536	7A			JAMES P. EDWARDS
BOWLING GREEN SUBSTA	0907	HARPER	3	37 01	86 26	470	5A			C CORPS OF ENGINEERS
BOWLING GREEN FAA AP	0909	HARPER	3	36 58	86 26	535	MID			H FED. AVIATION AGENCY
BRENT DAM 36	0978	CAMPBELL	7	39 03	84 25	497	7A			CORPS OF ENGINEERS
BROWNVILLE LOCK 6	1046	EDMONSON	3	37 12	86 16	410	7A			C ELOPIDE SEAGOS
BURDINE 2 NE	1100	PIKE	1	37 13	82 35	1643	8P			C EDWIN E. JOHNSON
BURKESVILLE	1137	CUMBERLAND	2	36 47	85 22	600	7A			MARVIN M. LEE
CADIZ LOCK E	1206	TRIGG	2	36 46	87 58	364	7A			CORPS OF ENGINEERS
CALHOUN LOCK 2	1227	MC LEAN	3	37 32	87 16	712	7A			C CORPS OF ENGINEERS
CAMPBELLVILLE	1256	TAYLOR	3	37 20	85 21	771	6P			H ALVA MC KINLEY
CANDLERVILLE	1294	GRAYSON	3	37 25	86 30	600	7A			C CORPS OF ENGINEERS
CARROLLTON LOCK 1	1345	CARROLL	4	38 41	85 11	480	4P			C CORPS OF ENGINEERS
CECILIA	1406	HAROLD	8	37 40	85 57	734	7A			WILLIAM S. VERTPEES
CLAY CITY 1 WNW	1576	POWELL	8	37 52	83 56	712	7A			JOEL W. MOUNTZ
CLEMONT 1 SSE	1611	BULLITT	8	37 55	85 40	540	5P			C BERNHEIM FOUNDATION
CLINTON	1631	HICKMAN	6	36 41	89 00	500	5P			C WOODSON D. FRANKLIN
COBB	1643	CADWELL	2	36 50	87 47	490	7A			MRS. BENNIE B. WHITE
COLLEGE HILL LOCK 11	1704	ESTILL	4	37 47	84 04	651	7A			C CORPS OF ENGINEERS
COVINGTON WB AIRPORT	1855	BOONE	7	39 04	84 40	869	MID			C H J. U.S. WEATHER BUREAU
CUMBERLAND FALLS ST PK	1949	WHITLEY	2	36 50	84 19	1070	5P			KY. DEPT. OF CON.
CYNTHIANA	1998	HARRISON	5	38 23	84 18	404	7A			H MARSHALL HILL
CYNTHIANA 2	2003	HARRISON	5	38 23	84 17	719	8A			KY. CARDINAL GAIRY
DANVILLE	2040	BOYLE	1	37 48	82 32	718	7A			C H MRS. EVA M. DAVIS
DAVILLA	2053	MARTIN	1	37 48	82 32	718	7A			C H MRS. EVA M. DAVIS
DELPHIA 1 E	2132	PERRY	4	37 02	83 07	1647	8A			C BALLARD F. WALKER, JR.
DEMA	2139	KNOTT	1	37 25	82 48	850	7A			C HATTIE B. BARNEY
DEWEY DAM	2180	FLOYD	1	37 45	82 47	653	7A			C CORPS OF ENGINEERS
DIAMOND	2214	MECKER	4	37 40	85 57	734	7A			C PHILLIP O. THACKER
OUNOE HARRIS FORD RD	2358	OHIO	3	37 33	86 43	440	7A			C JESSE L. MUFF
OUNOE	2366	MULLENBERG	3	37 05	87 00	592	7A			C L. N. GIVENS
OVER	2391	BRECKENRIDGE	3	37 43	86 13	793	7A			C LENA BLAIR
EDDYVILLE LOCK F	2445	LYON	2	37 03	88 05	420	7A			C CORPS OF ENGINEERS
EDMONTON	2469	METCALFE	3	37 00	85 37	639	6P			C JOHN E. HOPAN
ELIZABETHTOWN	2510	HARPOIN	3	37 41	85 52	739	6P			C PAOTI STATION WIEL
ELEPHANT 2	2528	PIKE	1	37 18	82 21	800	7A			C EDMOND O. BENNETT
ELEKTON 5	2548	TODD	2	36 47	87 10	520	7A			S. RICHARD ANDERSON
FLEMING	2578	PERDUE	4	37 18	82 20	600	6P			C H. MRS. J. L. LANSON
FARMERS	2791	POWAN	5	38 09	83 33	668	4P			H MRS. C. C. STAMPEP
FLEMINGSBURG	2903	FLEMING	5	38 25	83 43	870	7A			MRS. JEAN FLEMING
FLEMINGSBURG 2	2908	FLEMING	5	38 25	83 45	911	6P			C WILLIAM H. FISCHER
FORD LOCK 10	2953	MADISON	4	37 54	84 16	660	6A			C CORPS OF ENGINEERS
FORDS FERRY DAM 30	2961	CRITCHFIELD	8	37 00	86 56	460	7A			C CORPS OF ENGINEERS
FRANKFORT LOCK 4	3028	FRANKLIN	4	38 14	84 52	504	6A			C CORPS OF ENGINEERS
FRANKLIN 1 E	3036	SIMPSON	3	36 43	86 34	690	7A			MRS. KATIE O. NEAL
FREEBORN 2 SW	3046	PIKE	1	37 33	82 10	730	8A			C MRS. ALTA S. GOOSLIN
FRENCHBURG	3052	MFAIFEE	5	37 57	83 39	864	7A			MISS ESTHER WILSON
GAMALIEL 1 E	3112	MONROE	3	36 38	85 48	759	7A			E. GUY DECARO
GEORGETOWN WATER WORKS	3194	SCOTT	4	38 12	84 33	884	8A			C WILLIAM F. HANBLETT
GEST LOCK 3	3203	HENRY	4	38 25	84 53	490	7A			C CORPS OF ENGINEERS
GLASGOW	3241	BARREN	3	37 00	85 55	780	7A			C EMILY M. BEAM
GLASGOW KEAY	3246	HARPER	3	37 00	85 55	808	6P			C PAOTI STATION WYAT
GLENDALE 1 E	3287	HAROLD	8	37 16	85 54	710	7A			C OENY C. HILL
GOLDEN POND 8 N	3295	TRIGG	2	36 54	88 00	393	4P			C FISH & WOLF. REFUG
GRANT DAM 38	3358	BOONE	7	38 59	84 50	503	7A			C CORPS OF ENGINEERS
GRAYSON 1 SE	3392	CARTER	7	38 19	82 56	900	6A			C ALBERT G. SWANAGAN
GREENSBURG	3430	GREEN	3	37 15	85 30	630	7A			C HOWARD PICKETT
GREENSBURG HWAY 61 RP	3435	GREEN	3	37 15	85 30	590	7A			C LYNN T. HALEMAN
GREENUP DAM 30	3443	GREENUP	7	38 17	82 51	538	7A			C CORP. OF ENGINEERS
GREENVILLE 2 W	3451	MULLENBERG	3	37 12	82 12	519	5P			C J. R. LOVELL
HAILEY MILL	3539	CHRISTIAN	3	37 03	87 20	740	7A			C CLEATUS E. RINKLEY
HARTFORD 6 NW	3652	OHIO	3	37 32	86 54	429	8A			C DAVID L. CARSON
HAZARD	3709	PERCY	4	37 15	83 12	869	7A			C H. A. BAILEY
HAZARD WATER WORKS	3714	PERCY	4	37 15	83 11	880	7A			C LEE J. HOOSTON
HEIDELBERG LOCK 14	3741	LEE	4	37 33	83 46	663	6P			C CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	HENDERSON	7	37 45	87 38	382	6P			C H. FRANK STELL
HENDON	3768	CHRISTIAN	7	36 44	87 34	512	7A			C C. W. KEATES
HICKMAN 1 E	3816	FULTON	6	36 34	89 10	362	7A			C MRS. NELL S. CALVIN
HICKSVILLE	3821	GRAVES	9	36 48	88 30	440	7A			TVA-670
HIGH BRIDGE LOCK 7	3837	JESSAMINE	4	37 49	84 43	544	6A			C CORPS OF ENGINEERS
HINDMAN SETTLEMENT SCH	3899	KNOTT	4	37 20	82 50	1080	8A			C HINDMAN SETTLEMENT SCH.
HODGENVILLE NAT PARK	3920	LADUE	2	36 51	87 10	440	7A			C NATIONAL PARK SERVICE
HOPKINSVILLE	3994	CHRISTIAN	2	36 51	87 10	440	7A			C NEWELL F. SMITH
HYDEN	4093	LESLIE	4	37 10	83 23	690	7A			C MRS. FERN F. ELAN
INEY	4134	MARTIN	1	37 52	82 32	638	6P			C UNITED FUEL GAS CO.
IRVINGTON	4165	BRECKINRIDGE	3	37 53	86 17	644	7P			C H. FLOYD G. ROBBINS
JACKSON	4196	REATHITT	4	37 33	83 23	795	7A			C JAMES O. MALONEY
JEREMIAH	4255	LEITCH	4	37 10	82 56	1150	5P			C HOBART ISON
KEENE 1 WNE	4369	JESSAMINE	4	37 57	84 38	941	7A			C HUGH V. RUFFIN
KENTUCKY DAM	4414	LIVINGSTON	9	37 01	88 16	362	5A			TVA-379-A
LA GRANGE 1 SW	4595	OLDHAM	7	38 24	85 24	874	6A			C ALBERT V. HARDIN
LANCASTER	4620	GARRARD	4	37 37	84 35	1032	8A			C KENTUCKY UTILITIES CO.
LEITCHFIELD	4703	GRAYSON	3	37 29	86 18	642	6P			C CLOYE STEELEATHER
LEXINGTON WB AIRPORT	4744	FAYETTE	4	38 02	84 36	979	MID			C H J. U.S. WEATHER BUREAU
LIRERTY	4755	CASEY	3	37 21	84 55	772	7A			C PALLIA F. HANKLA
LITTLE HICKMAN LOCK 8	A825	JESSAMINE	4	37 45	84 35	521	7A			C CORPS OF ENGINEERS
LOCKPORT LOCK 2	A857	HENRY	4	38 26	84 58	485	6A			C CORPS OF ENGINEERS
LOGGICK 1 S	A862	CLARK	4	37 51	84 07	775	7A			C HUBERT BURGER
LONDON	A893	LAUREL	2	37 08	84 04	1195	7A			C KNOXVILLE FERTILIZER CO
LONDON FAA AP	A898	LAUREL	2	37 05	84 05	1191	MID			C FED. AVIATION AGENCY
LOUISA	A943	LAWRENCE	1	38 07	82 37	582	7A			C CHARLES F. BRANHAM
LOUISA 2	A946	LAWRENCE	1	38 07	82 36	585	8A			C HAROLD C. PEPUSON
LOUISVILLE	A948	JEFFERSON	7	38 14	85 46	462	6P			C LOUISVILLE G. & CO.
LOUISVILLE BOWMAN FLD	A951	JEFFERSON	7	38 13	85 40	598	7A			C CORPS OF ENGINEERS
LOUISVILLE WB AP	A954	JEFFERSON	7	38 11	85 44	474	MID			C H J. U.S. WEATHER BUREAU
LOUISVILLE URRER GAGE	A955	JEFFERSON	7	38 17	85 48	403	6A			C CORPS OF ENGINEERS
LOVELACEVILLE	A967	BALLARD	6	36 58	88 50	370	5P			C BLAINE MALONE
LUCAS	A982	BARREN	3	36 53	86 02	736	7A			C WILLARD E. FOSTER
MADISONVILLE 1 SE	S067	HOKINS	3	37 19	87 29	439	5P			C HONOR WELBORN, JR.
MAMMOTH CAVE PARK	S097	EDMONSON	3	37 11	86 05	800	5P			C H NATIONAL PARK SERVICE
MANCHESTER A SE	S111	CLAY	4	37 06	83 43	850	6P			C NDRA S. WHITE
MARTIN 1 SSW	S171	FLOYD	1	37 33	82 45	555	7A			C JAMES D. HUGHES
MAYFIELD	S230	GRAVES	6	36 44	88 39	364	6P			C MAYFIELD ELEC. & MTR. CO.
MAYFIELD DAM 33	S243	MASON	7	38 38	83 42	515	7A			C CORPS OF ENGINEERS
MAYFIELD DAM 33	S291	JACKSON	2	37 26	84 00	1000	7A			C CITY OF MIDWAY
MC KINNEYSBURG	S301	PERDUE	5	36 56	84 16	662	7A			C RICHARD T. SYMOND
NETA	S370	PIKE	1	37 34	82 27	730	7A			C MRS. EOLITH J. SMITH
NIDDELSBORO	S389	BELL	2	36 37	83 43	1130	5P			C MRS. LELA M. HERRELL
NIDDELSBORO SEWAGE PL	S394	BELL	2	36 38	83 43	1130	5P			C CITY OF NIDDELSBORO
NIDWAY	S407	WOODFORD	4	38 09	84 41	-	8A			C CORPS OF ENGINEERS
MILLERSBURG	S430	BOURBON	5	38 18	84 09	789	7A			C CITY WATER WORKS
MILLERTOWN	S438	GRAYSON	3	37 27	86 03	588	7A			C OVA M. LAWLER
MONTICELLO	S524	WAYNE	2	36 50	84 50	960	6P			C ALVIN L. BERTRAM
MONTICELLO STATE COLLEGE	S555	PIKE	1	37 29	82 31	486	5P			C PROF. HENRY C. HOGAN
MOUNT STERLING	S640	MONTGOMERY	5							

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The station index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., EST of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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U. S. DEPARTMENT OF COMMERCE
FREDERICK H. MUELLER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

JULY 1960
Volume 55 No. 7



ASHEVILLE: 1960

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KENTUCKY - JULY 1960

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 97° on the 24th at Warsaw Markland Dam

Lowest Temperature: 52° on the 16+ at 4 Stations

Greatest Total Precipitation: 8.06 inches at Vanceburg Dam 32

Least Total Precipitation: 0.30 inch at Benton 2

Greatest One-Day Precipitation: 3.76 inches on the 11th at Williams-
burg 2

CLIMATOLOGICAL DATA

KENTUCKY
JULY 1960

Station		Temperature											Precipitation											
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
											Max	Min.	32° or Above	32° or Below					Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
WESTERN																								
BEAVER DAM		86.0	64.6	75.3		91	25	56	15	0	4	0	0	0	1.77		1.16	23	0	0		4	1	1
BENTON 2		88.2	62.5	75.4		94	9	54	15	0	13	0	0	0	.30		.20	23	0	0		2	0	0
FORDS FERRY DAM 50		86.9	66.6	76.8		95	25	60	16+	0	7	0	0	0	2.91	.15	.88	14	0	0		5	2	0
GOLDEN POND 8 N		88.3	62.3	75.3		96	25	54	18+	0	14	0	0	0	1.85		1.17	1	0	0		3	1	1
GREENVILLE 2 W		85.8M	65.1M	75.5M	- 2.4	91	26+	58	16+	0	6	0	0	0	4.69	.52	1.63	1	0	0		6	4	1
HENDERSON 7 SSW		87.1	64.9	76.0	- 2.9	93	25+	57	16	0	9	0	0	0	1.54	- 1.67	.75	25	0	0		4	1	0
HICKMAN 1 E		89.5	66.4	78.0		96	22	57	8	0	18	0	0	0	1.99		.90	11	0	0		4	1	0
HOPKINSVILLE		88.0	65.4	76.7	- 2.1	92	31+	58	15	0	16	0	0	0	2.20	- 1.45	1.07	24	0	0		4	2	1
LOVELACEVILLE		88.7	65.0	76.9	- 2.4	95	25	56	15+	0	16	0	0	0	1.30	- 1.86	.61	25	0	0		5	1	0
MADISONVILLE 1 SE											6	0	0	0	5.50		2.41	2	0	0		7	3	2
MAYFIELD		88.0	66.4	77.2		93	21	57	15+	0	16	0	0	0	3.99		1.92	4	0	0		6	2	2
MURRAY		87.5	66.3	76.9	- 2.4	95	25	59	16+	0	15	0	0	0	1.68	- 1.96	.61	23	0	0		4	2	0
OWENSBORO 2 W		89.2	65.6	77.4	- 1.1	95	29+	59	16+	0	13	0	0	0	1.08	- 2.27	.40	26	0	0		3	0	0
PADUCAH FAA AIRPORT		86.2	66.4	76.3		94	21	57	15	0	6	0	0	0	2.73		.82	23	0	0		6	3	0
PADUCAH		89.5	65.7	77.6		95	25+	57	15	0	16	0	0	0	3.45	.42	1.46	24	0	0		5	3	1
PRINCETON		88.7	65.0	76.9	- 2.1	94	30+	58	16+	0	16	0	0	0	.94	- 2.37	.68	13	0	0		3	1	0
RUSSELLVILLE		87.5	64.4	76.0	- 2.6	93	25	56	15	0	11	0	0	0	3.59	- .80	1.45	14	0	0		6	2	1
DIVISION				76.5	- 2.3									2.44	- 1.35			0						
CENTRAL																								
ADDISON DAM 45		84.9	61.8	73.4		94	26	55	15	1	4	0	0	0	1.03	- 2.48	.42	11	0	0		3	0	0
ANCHORAGE		84.1	62.6	73.4	- 2.7	91	25	55	8	0	3	0	0	0	3.50	- .17	1.26	3	0	0		6	3	2
BARDSTOWN S J PREP SCH		86.0	62.0	74.0		93	25	53	16	0	7	0	0	0	1.55		.50	23	0	0		4	1	0
BONNIEVILLE																								
BOWLING GREEN FAA AP		87.5	66.3	76.9	- 2.5	95	25	59	15	0	9	0	0	0	2.75	- 1.52	.91	23	0	0		5	2	0
CAMPBELLSVILLE		86.6	64.7	75.7		93	25	57	15+	0	7	0	0	0	2.39		.90	26	0	0		5	2	0
CECILIA		86.8	62.0	74.4	- 2.6	93	24+	55	16	0	12	0	0	0	1.61	- 2.35	.71	23	0	0		5	1	0
CLERMONT 1 SSE		89.1M	62.6M	75.9M		95	26+	54	15	0	13	0	0	0	.84		.22	27	0	0		4	0	0
ELIZABETHTOWN		86.0	63.8	74.9		92	25	56	8+	0	6	0	0	0	1.22		.40	3	0	0		3	0	0
GLASGOW WKAY		85.7	64.6	75.2		93	25	57	6	0	2	0	0	0	1.42		.53	23	0	0		6	1	0
GREENSBURG		87.0	63.8	75.4	- 2.2	92	26	56	8+	0	9	0	0	0	2.26	- 1.97	.59	27	0	0		6	2	0
IRVINGTON		87.5	63.7	75.6	- 2.3	94	25	56	16+	0	12	0	0	0	1.03	- 2.38	.39	13	0	0		4	0	0
LEITCHFIELD		85.9	65.7	75.8	- 2.1	93	30	58	15	0	7	0	0	0	1.20	- 2.66	.53	14	0	0		4	1	0
LOUISVILLE		87.4	68.5	78.0		95	25	62	6	0	11	0	0	0	1.72		1.05	3	0	0		4	1	1
LOUISVILLE WB AP		84.1	64.3	74.2	- 3.7	91	25	57	16+	0	1	0	0	0	1.99	- 1.09	1.16	3	0	0		5	1	1
MAMMOTH CAVE PARK		83.6	64.1	73.9		90	25	55	6	0	1	0	0	0	2.28		1.08	27	0	0		6	1	1
SCOTTSVILLE		87.0	64.4	75.7		93	25	56	15+	0	10	0	0	0	3.12		1.25	9	0	0		5	2	1
SUMMER SHADE		86.9M	64.5M	75.7M		94	25	58	15	0	7	0	0	0	3.39		1.47	26	0	0		4	3	1
WOLF CREEK DAM		86.6	61.6	74.1		92	26	53	15	0	6	0	0	0	4.05		1.63	11	0	0		9	2	1
DIVISION				75.1	- 2.6									2.08	- 1.99			0						
BLUE GRASS																								
BEREA COLLEGE		86.5	61.5	74.0	- 3.0	91	26+	53	8+	0	6	0	0	0	2.43	- 2.56	.76	10	0	0		5	3	0
CARROLLTON LOCK 1		85.1	62.9	74.0		91	30+	56	16+	0	4	0	0	0	4.00	.57	1.55	3	0	0		4	2	2
COVINGTON WB AIRPORT		85.3	63.4	74.4	- .7	93	25	53	15	0	8	0	0	0	3.15	- .60	1.30	3	0	0		5	3	1
CYNTHIANA 2		86.1	60.0	73.1		94	26	52	16	0	8	0	0	0	4.94		2.49	1	0	0		6	3	2
DANVILLE		84.6	61.2	72.9		91	26	55	8+	0	1	0	0	0	2.13	- 2.19	.64	4	0	0		5	2	0
DIX DAM		86.0	64.2	75.1		92	26+	56	6	0	8	0	0	0	1.43		.44	4	0	0		6	0	0
FALMOUTH		86.1	61.9	74.0		95	25	54	16+	0	7	0	0	0	4.39	.38	1.34	27	0	0		7	4	2
FLEMINGSBURG 2		84.7	61.1	72.9		94	26	53	9	0	6	0	0	0	4.81		1.81	1	0	0		4	4	2
FRANKFORT LOCK 4		85.8	61.9	73.9	- 3.8	92	26	55	16+	0	7	0	0	0	3.82	- .56	1.86	1	0	0		7	2	1
LEXINGTON WB AIRPORT		84.3	65.1	74.7	- 1.9	91	26+	57	15	0	5	0	0	0	1.94	- 2.31	.73	3	0	0		4	2	0
MAYSVILLE DAM 33		83.0	61.0	72.0	- 4.3	91	27	55	15+	0	1	0	0	0	4.77	.45	1.55	4	0	0		8	3	2
MOUNT STERLING		84.0	62.5	73.3		90	27+	55	15	0	2	0	0	0	4.98	- .15	1.48	3	0	0		6	4	2
RICHMOND		83.9	62.9	73.4		90	26	56	15+	0	1	0	0	0	4.91		.98	1	0	0		10	6	0
SHELBYVILLE		84.3	63.5	73.9	- 3.3	91	26	57	15	0	2	0	0	0	3.68	- .07	1.34	4	0	0		5	3	2
WARSAW MARKLAND DAM		87.6	63.4	75.5	- 1.2	97	24	55	8+	0	12	0	0	0	4.89	1.14	2.08	14	0	0		7	3	2
WILLIAMSTOWN 5 WSW		83.9	61.1	72.5	- 5.1	91	26	53	15	1	3	0	0	0	3.85	.06	2.04	4	0	0		5	2	2
DIVISION				73.7	- 3.2									3.76	- .72			0						
EASTERN																								
ASHLAND DAM 29		85.2	63.5	74.4	- 2.7	95	26	56	16+	0	7	0	0	0	4.24	.19	1.45	11	0	0		5	4	2
BARBOURVILLE		86.6	63.1	74.9		91	31+	55	7	0	8	0	0	0	5.02		3.00	10	0	0		7	1	1
BAXTER		85.4	63.5	74.5		91	27+	58	15+	0	3	0	0	0	6.64		2.92	11	0	0		8	3	2
BENHAM		85.0	61.2	73.1		92	27	53	6	0	3	0	0	0	5.29		2.08	4	0	0		8	3	2
BLAINE 1 W		86.9	54.9M	70.9M		94	26			0	9	0	0	0	5.92		1.77	3	0	0		7	4	3
DEWEY DAM		85.2	62.2	73.7		92	27	55	9+	0	2	0	0	0	5.87		1.67	11	0	0		7	4	3
FARMERS		86.2	61.1	73.7	- 2.0	92	26	52	9	0	6	0	0	0	5.44	.89	1.54	4	0	0		6	4	3
GRAYSON 1 SE		84.7	61.3	73.0		94	27	54	16+	0	7	0	0	0	6.17		1.67	1	0	0		9	4	2
HEIDELBERG LOCK 14		86.8	62.6	74.7		92	26+	54	8+	0	6	0	0	0	6.46	1.29	1.74	2	0	0		7	5	2
HINDMAN SETTLEMENT SCH		85.0M	62.2M	73.6M		90	27+	53	6	0	3	0	0	0	4.11									
INEZ		87.6	60.5	74.1		93	26+	52	9	0	13	0	0	0										

CLIMATOLOGICAL DATA

KENTUCKY
JULY 1960

CONTINUED

Station		Temperature												Precipitation											
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days			
											Max		Min						Total	Max Depth on Ground	Date	.10 or More	.50 or More	1.00 or More	
											92° or Above	32° or Below	32° or Below	92° or Below											
											92° or Above	32° or Below	32° or Below	92° or Below											
MOUNT VERNON	85.3	61.5	73.4		91	26	52	6	0	2	0	0	0	3.37	- .03	1.30	31	.0	0		7	2	1		
PIKEVILLE	87.5	65.2	76.4		95	26	57	9+	0	11	0	0	0	4.86		1.94	1	.0	0		7	9	2		
SOMERSET 1 N	84.8	63.8	74.3		90	26+	56	6	0	2	0	0	0	3.08		.76	3	.0	0		10	1	0		
VANCEBURG DAM 32	85.4	61.8	73.6		92	26+	55	16+	0	6	0	0	0	8.06	3.88	3.26	4	.0	0		9	4	3		
WEST LIBERTY	85.1	60.7	72.9		92	27	53	15+	1	3	0	0	0	3.48		1.18	10	.0	0		5	4	1		
AM																									
WILLIAMSBURG 2	88.9	63.4	76.2	- 1.1	96	28	56	9	0	15	0	0	0	7.06	2.25	3.76	11	.0	0		6	4	1		
AM																									
DIVISION			74.1	- 2.3										5.40	.76			.0							

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00 a CST	6:00 a CST	12:00 p CST	6:00 p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-199	2.00 and over	Total		
COVINGTON WB AIRPORT	N	10	5.7	29	WSW	26	80	86	52	57	5	0	2	2	1	0	10	-	5.5
LEXINGTON WB AIRPORT	NE	14	6.7	-	-	-	85	88	57	64	7	1	2	2	0	0	12	-	5.2
LOUISVILLE WB AIRPORT	NNE	11	4.5	24	W	3	82	88	59	59	3	0	4	0	1	0	8	53	5.2

See Reference Notes Following Station Index

KENTUCKY
JULY 1960

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DAILY PRECIPITATION

KENTUCKY
JULY 1960

CONTINUED

Station	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ONEIDA	6.46	+.48	1.05	1.14	1.24						.90	1.05							.30															
ONEONTA DAM 35	3.78	+.72	+.09	+.35	+.77						.31	+.24	T		.58					.32						T				1.30				
OWENSBORO 2 W	1.08	+.15		+.03	+.05							.35			.08											.02				.40				
OWENSBORO DAM 46	1.00	+.03	+.07		+.03							.26			.16															.44	.01			
PADUCAH FAA AIRPORT	2.73	+.31			T						T			.20															.58	.18	.64			
PADUCAH	3.45	+.63												.27																				
PAINTSVILLE	4.06	1.10	+.05	1.06							.30	1.38								.02										T		.15		
PIKEVILLE	4.88	1.94		+.84	+.02						1.20	.31			.24															T		.11		
PINEVILLE	5.78	+.36	+.94		+.37	T					1.02	1.89								.30	T									.11		.18		
PRINCETON	.94													.68																T		.15		
RAVENNA LOCK 12	5.22	1.06	+.78		+.60						1.42	1.05								T												.25		
RICHMOND	4.91	+.98	+.50	+.53							.53	.09			.01					.64										.76		.45		
ROCHESTER LOCK 3	2.22		+.78	T	+.09						.41				.71					.09										.04	.03	T		
RUSSELLVILLE	3.59		+.46	+.46							.12				1.45					.49										.60	.01			
RUSSELLVILLE SUBSTA	3.22				+.38						.11				1.42					.60										.71				
SALVISA LOCK 6	2.75	+.08	+.02		1.48						.48	.08			.03																.24			
SALYERSVILLE 2 SE	4.53	1.53	+.08	+.09	+.90						.36	1.35																			.10			
SCOTTSVILLE	3.12	+.88		+.18						1.25										.12											.47			
SCOTTSVILLE 2 SW	2.86		+.85	+.10																														
SEBREE	4.00	*									*																							
SHAWNEE STEAM PLANT	3.00		+.27		T							.02			.54																			
SHELBYVILLE	3.68	1.01		1.34	T			.02			.15	.09			.14																1.06	.53	T	
SHEPHERDSTOWN	1.36			+.60							.32																					.93		
SOMERSET 1 N	3.08	+.19		+.76	+.01						.45	.14			.11	.01															.25	.02		
SPRINGFIELD	1.77	T		+.85							.05	.05			.08					.20	.08	.22	.28							.11	.15			
STEARNS	3.92	+.36		+.66							.65	1.56																			.16		.35	
SUMMER SHADE	3.39	+.08		+.16							.83	.04																						
SUMMER SHADE SUBSTA	3.23		+.08	+.15							.52	.25			.88																.12	1.23		
TAYLORSVILLE	2.01	+.22		+.75							.20	.12			.20																			
TURKEY CREEK SCHOOL	2.54		+.79	+.34											.01																.37		.91	
TYRONE LOCK 5	3.79	1.52	+.09	1.40	T						.34	.11			T																.29			
UNIONTOWN DAM 49	3.67	+.16	+.72	+.05							T	.40			.32																	.04		
VALLEY VIEW LOCK 9	2.38	+.08	+.26	+.57							.91	.17	T		.10																1.70			
VANBUREN	1.68	+.07		+.78							.12	.05			.13					.17	T										.08			
VANCEBURG DAM 32	8.06	1.46	+.15	1.24	3.26	T					.12	.20			.03																.32			
WARSAW MARKLAND DAM	4.89	1.11	+.23	+.33	+.63						.37	.10			2.08																	.04		
WAYNESBURG 7 NE	1.86	+.19	T	+.60	T						.40	.04			.08																.21			
WEST LIBERTY	3.48	+.50	+.02	T	+.87						1.18	.65	.02		T																.03			
WILLIAMSBURG 2	7.06	+.79	+.04	+.36							.96	3.76	.07		.09																.04			
WILLIAMSTOWN 5 WSW	3.85	1.03	+.03	T	2.04	T		T	T		.30	.02			.21																.22			
WILLOW LOCK 13	4.54	1.40	+.51	+.43							1.06	.50	.02																		.02			
WOLF CREEK DAM	4.05	+.20	+.22	+.47							.08	1.63			.18																T			
WOODRUP LOCK 4	1.55		+.27	+.07							.25				.49																.37			

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figure and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Oelayed data and corrections will be carried only in the June and December issue of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Oivisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The station index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.B.T.

In the Station Index the letters C, G, B, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- B "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry. Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above and covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

AM Data based on observational day ending before noon.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if

carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

RS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., EST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

DAILY TEMPERATURES

KENTUCKY
JULY 1960

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADDISON DAM #5	MAX	86	86	84	82	82	84	78	76	82	84	82	88	88	86	72	76	82	82	84	84	88	88	89	88	88	94	92	90	88	90	89	84.9
	MIN	70	64	62	60	56	56	58	60	60	62	62	60	60	62	55	56	56	60	64	65	67	62	62	64	65	66	64	66	65	64	62	61.8
ANCHORAGE	MAX	80	84	82	78	80	83	80	83	81	78	83	86	84	76	78	82	85	85	85	88	87	89	87	87	91	87	86	90	90	88	84	84.1
	MIN	66	62	68	62	57	56	62	55	59	66	64	61	65	61	56	56	61	66	64	64	63	60	69	67	66	69	63	66	62	64	62	62.6
ASHLAND DAM 29	MAX	81	88	79	78	80	82	81	83	85	81	81	85	89	80	79	85	85	90	88	86	83	90	92	91	89	95	88	87	90	90	79	85.2
	MIN	68	64	65	60	58	57	59	56	57	67	68	63	66	67	57	56	62	68	67	66	61	59	63	65	69	67	72	66	64	65	65	63.5
BARBOURVILLE	MAX	87	86	91	85	81	80	82	84	84	75	84	85	89	85	80	89	89	88	90	89	90	90	90	90	91	90	88	88	88	88	91	86.6
	MIN	66	68	63	64	64	63	55	56	64	63	65	62	63	67	56	58	61	62	66	63	64	60	64	67	66	66	67	67	62	62	63	63.1
BARDSTOWN S J PREP SCH	MAX	88	87	83	80	82	83	80	84	84	78	86	88	85	79	80	85	86	86	87	90	89	90	89	90	93	89	89	90	90	85	86.0	
	MIN	68	64	64	63	58	55	64	56	60	67	65	61	64	61	55	53	59	61	64	61	55	63	63	66	65	69	65	66	75	60	59	62.0
BAXTER	MAX	87	81	88	87	85	84	85	82	85	82	72	85	86	86	82	84	86	83	87	85	87	87	90	81	89	91	91	88	89	88	85	85.4
	MIN	66	67	68	65	65	58	60	58	60	62	65	63	63	64	58	60	61	63	64	63	64	62	63	68	69	68	69	63	63	63	64	63.5
BEAVER DAM	MAX	90	87	87	83	82	84	81	83	84	81	87	87	88	79	80	84	85	86	87	90	89	87	87	88	91	87	88	89	90	89	87	86.0
	MIN	72	65	72	66	61	57	63	59	62	68	65	65	62	65	56	57	64	65	61	65	65	65	69	67	68	69	65	68	64	66	68	64.6
BENHAM	MAX	85	82	83	89	84	82	83	81	85	81	74	82	85	88	80	84	84	83	89	91	86	88	90	92	87	87	88	81	87	88	81	85.0
	MIN	62	61	65	70	62	53	54	62	57	62	59	56	60	67	58	55	58	60	61	60	60	57	63	62	64	67	65	69	66	58	63	61.2
BENTON 2	MAX	89	88	93	84	83	84	80	84	94	89	91	91	89	78	82	84	87	86	90	91	92	93	91	88	93	91	89	89	91	90	91	88.2
	MIN	75	69	70	64	60	56	60	55	60	60	64	63	66	62	54	55	55	59	60	61	62	68	68	65	69	69	62	63	62	64	62	62.5
BEREA COLLEGE	MAX	82	88	89	80	81	84	83	85	83	82	85	87	88	82	81	86	87	89	88	88	87	91	90	88	91	91	88	89	90	90	88	86.5
	MIN	61	65	65	64	60	53	55	53	56	60	65	59	62	64	55	55	63	64	65	62	61	60	64	65	65	69	65	64	61	63	62	61.5
BLAINE 1 W	MAX	85	84	86	85	84	84	86	80	85	86	87	84	87	88	78	78	88	87	88	87	86	86	92	92	92	94	93	90	90	90	91	86.9
	MIN	50	50	50	51	51	54	53	53	52	54	54	54	62	62	54	54	88	87	88	87	86	86	92	92	92	94	93	90	90	90	91	54.9
BONNIEVILLE	MAX																																
	MIN																																
BOWLING GREEN FAA AP	MAX	83	89	88	88	82	83	83	83	83	87	85	87	88	79	82	85	88	89	91	94	91	93	88	88	95	90	89	90	90	91	89	87.5
	MIN	73	69	69	66	64	61	63	61	66	69	67	66	66	64	59	62	67	67	63	66	67	61	71	69	69	71	67	69	68	67	69	66.3
CAMPBELLSVILLE	MAX	87	88	86	83	83	83	82	85	86	82	86	88	84	78	82	87	86	86	89	90	89	90	91	93	89	90	91	90	88	88	86	86.6
	MIN	74	67	68	67	61	58	61	57	63	68	66	64	64	65	57	59	66	67	65	64	64	62	69	68	68	69	65	67	65	64	63	64.7
CARROLLTON LOCK 1	MAX	83	85	83	83	80	82	80	82	83	81	83	87	86	83	78	81	84	86	87	86	85	90	90	88	91	89	89	88	89	91	85	85.9
	MIN	66	62	68	63	58	58	60	56	58	65	68	64	66	63	57	56	61	66	65	65	59	58	62	68	68	72	65	61	62	64	65	62.9
CECILIA	MAX	90	90	85	86	81	82	82	80	83	83	77	87	87	87	78	79	86	88	88	93	90	92	93	90	92	92	90	89	90	92	86.8	
	MIN	64	62	70	63	58	57	60	56	58	61	65	62	64	62	56	55	59	65	62	61	62	59	59	62	67	69	63	64	64	62	64	62.0
CLERMONT 1 SSE	MAX	92	89	88	84	85	85	86	86	86	87	88	90	90	86	86	87	90	89	90			93	93	92	95	95	90	92	92	63	61	89.1
	MIN	68	62	69	62	57	55	62	55	57	67	66	62	64	60	54	55	62	66	66			59	71	67	66	69	63	66	62	63	61	62.6
COVINGTON WB AIRPORT	MAX	80	86	82	77	80	83	83	84	86	76	85	91	85	74	81	84	85	88	86	88	86	92	92	91	93	90	90	90	91	89	81	85.3
	MIN	66	63	65	59	56	60	62	58	60	65	67	63	66	61	53	55	61	68	65	68	60	61	68	69	69	70	65	68	64	67	63	63.4
CYNTHIANA 2	MAX	86	85	87	79	79	82	84	81	84	86	81	85	89	85	76	80	83	84	86	88	88	92	92	92	94	92	89	90	91	93	86.1	
	MIN	65	61	59	61	55	54	54	53	53	66	66	59	63	55	54	52	61	62	65	62	57	55	63	63	64	67	61	65	61	61	63	60.0
DANVILLE	MAX	86	83	86	86	80	80	82	81	83	80	80	84	85	85	76	76	85	83	85	85	88	87	89	89	88	91	89	88	87	88	88	84.6
	MIN	62	64	61	60	58	55	58	55	57	60	65	65	62	62	62	62	58	64	63	60	61	60	60	63	65	66	62	63	61	62	62	61.2
DEWEY DAM	MAX	83	82	87	85	81	82	83	81	82	85	80	83	86	88	74	80	86	82	89	88	87	85	89	89	91	92	87	89	89	87	85.2	
	MIN	66	66	63	64	61	56	56	55	55	60	67	62	62	66	57	57	62	65	67	67	62	59	60	69	65	65	66	63	61	62	62	62.2
DIX DAM	MAX	87	87	85	80	80																											

DAILY TEMPERATURES

KENTUCKY
JULY 1960

Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
INEZ	MAX MIN	84 66	88 66	87 63	83 64	84 60	85 54	84 58	84 54	88 52	81 61	84 62	85 60	86 61	87 60	81 57	87 56	93 56	92 57	91 63	89 63	86 59	91 53	91 61	91 64	93 66	93 64	90 69	90 62	90 59	89 61	89 64	87.6 60.5
IRVINGTON	MAX MIN	87 70	88 63	86 70	84 63	83 59	85 57	81 60	82 56	85 61	77 69	87 66	90 65	89 61	79 60	80 57	88 56	86 63	89 66	89 63	91 64	90 64	92 63	92 71	93 67	94 68	90 70	92 64	91 69	91 62	88 63	87.5 63.7	
LEITCHFIELD	MAX MIN	84 74	86 65	85 70	85 63	81 60	82 60	80 64	82 60	83 63	81 69	86 64	87 66	87 62	77 58	79 56	84 60	85 63	85 66	85 68	89 63	89 65	87 66	92 66	88 71	88 68	92 70	90 66	90 66	90 67	93 67	87 67	85.9 65.7
LEXINGTON WB AIRPORT	MAX MIN	81 66	85 65	82 66	78 62	80 59	80 59	77 63	81 59	82 64	80 68	83 69	86 63	85 68	75 63	79 57	82 60	83 66	86 69	85 68	88 66	85 64	91 65	89 70	87 66	91 69	91 72	88 67	87 69	90 65	86 65	84.3 65.1	
LONDON FAA AIRPORT	MAX MIN	82 70	87 67	86 66	83 64	80 63	80 58	80 58	81 58	81 62	74 66	82 67	81 61	84 61	79 60	79 59	86 60	81 64	86 64	85 65	86 61	85 62	87 60	83 69	85 65	87 64	88 66	87 65	86 62	89 60	88 64	82.9 62.9	
LOUISVILLE	MAX MIN	81 68	84 68	87 74	78 67	82 64	82 62	82 68	83 68	83 64	84 65	86 66	89 70	88 69	82 68	83 66	85 68	87 73	90 68	94 63	91 72	92 69	93 72	92 72	95 74	94 74	93 74	89 76	89 66	90 66	88 64	87.4 68.5	
LOUISVILLE WB AP	MAX MIN	80 68	84 62	84 68	78 64	80 61	82 58	80 63	83 58	82 62	77 67	85 63	86 64	85 67	78 61	79 57	81 57	84 65	85 68	85 66	87 63	86 70	88 68	87 69	88 69	91 69	87 65	87 67	88 64	89 66	85 65	84.1 64.3	
LOVELACEVILLE	MAX MIN	88 74	87 67	91 72	84 65	85 60	85 58	83 62	83 56	88 63	90 70	92 69	94 66	90 63	80 56	83 57	84 57	86 63	89 64	89 66	93 64	94 66	92 62	92 67	91 65	95 68	90 70	93 65	92 62	92 65	86 67	88.7 65.0	
MAISONVILLE 1 SE	MAX MIN															78 65	81 57	85 63	86 64	88 66	91 67	92 67	89 66	88 67	89 67	91 67	88 67	91 66	90 66	89 66	86 68		
MAMMOTH CAVE PARK	MAX MIN	85 72	84 66	85 70	81 65	80 59	81 55	80 60	82 56	82 62	80 69	84 62	82 61	85 64	76 62	77 60	84 64	83 66	83 66	86 65	87 64	87 65	85 65	86 64	87 67	87 67	90 67	86 67	85 62	85 66	86 65	85 65	83.6 64.1
MANCHESTER 4 SE	MAX MIN	85 67	90 69	89 66	85 64	83 64	84 56	82 56	84 56	83 59	78 65	85 66	85 62	89 63	84 59	81 59	85 59	88 63	87 66	88 64	87 64	91 66	90 67	91 67	92 67	91 67	92 67	88 65	88 62	87 62	91 64	86.7 63.5	
MAYFIELD	MAX MIN	88 74	87 71	91 70	79 66	84 62	85 61	83 64	85 64	89 63	90 72	91 67	92 67	90 71	80 65	83 67	85 65	87 63	86 65	92 65	93 67	91 71	91 68	90 67	91 67	91 67	90 67	91 67	90 67	86 67	86.0 66.4		
MAYSVILLE OAM 33	MAX MIN	83 66	80 60	85 60	74 59	75 56	79 55	81 56	79 58	81 58	84 59	79 62	82 64	85 66	84 66	74 55	78 57	81 58	82 58	85 65	85 63	85 57	82 58	88 61	89 64	89 66	89 66	91 65	85 65	85 63	87 62	88 61	83.0 61.0
MIDDLESBORO	MAX MIN	83 66	90 69	91 66	87 64	84 60	86 57	85 56	86 56	84 60	81 67	86 66	88 68	88 63	85 70	85 54	87 59	85 60	86 61	88 66	89 64	88 66	89 67	90 67	88 67	89 67	90 67	88 65	89 62	87 61	87 61	87.3 63.1	
MONTICELLO	MAX MIN	85 73	88 72	88 68	88 65	82 65	84 55	84 57	85 56	85 63	82 66	85 66	86 62	85 62	82 65	82 56	88 66	82 66	85 66	88 66	88 66	88 66	88 66	88 66	88 66	88 66	88 66	88 66	88 66	88 66	88 66	86.0 63.7	
MOUNT STERLING	MAX MIN	83 64	84 62	84 65	78 60	81 57	81 56	78 62	81 57	82 57	80 65	83 66	84 61	86 66	80 65	78 55	81 66	81 65	87 55	86 66	84 61	88 67	87 63	88 63	88 63	88 63	88 63	88 63	88 63	88 63	88 63	84.0 62.5	
MOUNT VERNON	MAX MIN	85 69	88 65	87 66	80 64	81 60	82 52	81 53	82 60	80 56	80 67	83 66	85 68	85 60	76 54	81 55	86 55	85 63	87 63	86 63	85 63	86 62	87 62	89 62	88 62	89 62	90 62	91 62	89 61	89 61	89 61	85.3 61.5	
MURRAY	MAX MIN	86 73	83 69	90 70	83 66	83 61	82 60	81 64	84 60	91 63	90 69	91 68	89 68	89 62	79 60	80 59	83 59	87 61	93 63	87 65	93 66	93 66	91 72	92 68	92 68	95 72	90 68	91 68	91 68	89 68	89 69	87.5 66.3	
OWENSBORO 2 W	MAX MIN	87 74	89 65	88 74	85 65	85 62	88 60	84 63	86 61	88 64	79 70	91 65	93 66	89 69	82 60	85 59	87 59	87 65	88 65	90 65	94 69	94 69	91 69	92 69	93 69	95 71	89 68	94 65	95 65	92 66	89 66	89.2 65.6	
PAOUCAH FAA AIRPORT	MAX MIN	86 71	86 67	89 74	81 65	81 58	84 61	81 58	81 64	84 68	88 72	89 67	80 67	86 72	78 62	80 57	82 62	84 64	85 64	87 65	91 69	94 67	89 67	88 67	88 67	88 67	88 67	88 67	88 67	88 67	88 67	86.2 66.4	
PAOUCAH	MAX MIN	87 70	87 67	93 74	88 65	86 59	87 58	84 63	83 59	88 64	90 71	93 68	94 67	91 62	80 57	85 59	87 63	88 63	89 63	94 65	95 62	92 69	95 69	95 69	95 70	95 70	92 70	92 68	91 68	88 68	89 68	89.5 65.7	
PIKEVILLE	MAX MIN	82 69	89 71	89 66	85 65	84 62	87 58	83 59	87 57	85 57	79 67	85 70	87 63	90 67	80 63	83 63	88 61	85 63	93 66	90 67	86 67	86 67	93 67	89 69	89 69	93 69	95 68	90 68	91 68	90 68	90 68	87.5 65.2	
PRINCETON	MAX MIN	88 71	82 65	90 65	91 66	85 62	86 59	86 62	87 59	88 64	87 71	90 66	91 68	89 68	80 63	81 58	84 58	85 62	88 62	90 63	93 66	92 66	92 66	90 67	91 67	92 67	90 67	91 67	90 67	88 67	89 67	87.0 65.0	
RICHMONO	MAX MIN	84 63	82 65	86 67	85 61	78 60	80 57	80 60	79 56	82 60	82 65	81 61	83 61	84 65	85 61	74 56	78 64	84 66	85 66	85 63	86 63	84 68	85 68	88 64	87 69	87 69	87 69	87 69	87 69	87 69	87 69	83.9 62.9	
RUSSELLVILLE	MAX MIN	85 73	88 67	90 68	85 65	84 63	84 58	82 62	85 65	88 65	88 69	89 65	89 65	88 63	79 61	82 56	85 63	86 65	85 65	88 65	90 65	92 65	90 68	89 68	90 68	93 68	91 68	90 65	91 65	90 65	88 65	87.5 64.4	
SCOTTSVILLE	MAX MIN	86 69	89 69	90 70	85 65	83 64	83 56	81 59	85 58	84 63	85 66	87 65	87 64	88 64	85 58	84 56	88 58	85 67	84 66	88 63	90 65	90 61	91 64	90 69	93 67	90 67	90 67	89 67	90 64	89 64	89 65	87.0 64.4	
SHELBYVILLE	MAX MIN	86 61	83 64	85 70	81 61	77 59	80 58	82 62	79 58	82 61	81 65	80 66	85 63	87 63	84 57	77 57	78 63	82 66	84 66	84 66	89 62	85 61	89 66	89 66	87 66	87 66	87 66	87 66	87 66	87 66	87 66	84.3 63.5	
SOMERSET 1 N	MAX MIN	82 71	87 69	86 68	84 65	80 64	81 56	81 57	81 62	85 62	80 68	84 67	84 62	85 65	78 60	79 58	86 60	83 65	86 65	86 65	86 65	85 66	89 66	86 66	86 66	89 66	84 66	87 66	88 66	86 66	88 66	84.	

EVAPORATION AND WIND

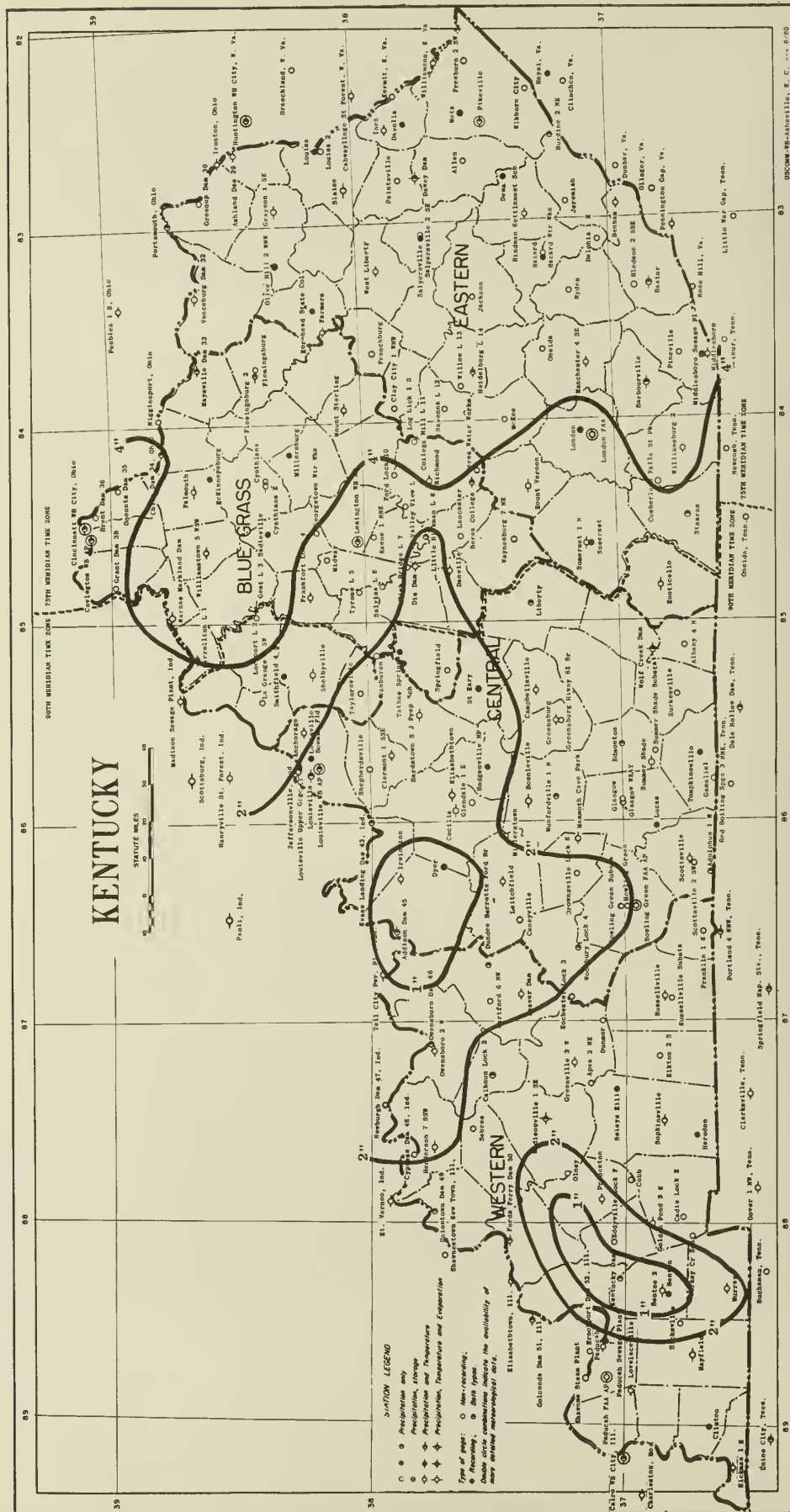
KENTUCKY
JULY 1960

Station		Day of month																																Total or Avg
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
DEWEY DAM	EVAP	-	-	-	-	.21	.27	.19	.24	.24	.12	-	.17	.16	.16	.08	.16	.19	.12	.24	.17	.22	.18	.21	.21	-	-	.19	.22	.13	.11	.18	B5.64 120	
	WIND	9	8	3	10	2	3	5	5	1	3	3	4	1	10	8	3	1	2	10	4	4	2	0	1	1	1	7	2	0	3	4		
DIX DAM	EVAP	.16	.12	.24	.24	.12	.35	.24	.25	.28	.10	.12	.20	.20	.20	.20	.22	.18	.17	.20	.20	.26	.24	.20	.22	.19	.26	.17	.23	.19	.22	.31	6.48 862	
	WIND	37	20	15	48	35	22	30	25	26	26	33	26	2	79	33	41	26	16	33	31	23	21	11	19	13	24	49	5	25	10	58		
MADISONVILLE 1 SE	EVAP	.28	-	.14	.28	.28	.25	.23	.27	.28	.14	.13	.23	.28	.14	.14	.28	.26	.21	.21	.23	.24	.24	.17	.13	.24	.54	.28	.22	.25	.28	.28	B7.37 1006	
	WIND	61	35	42	61	47	32	35	37	39	28	14	28	27	45	35	38	23	32	24	21	20	20	17	25	14	44	51	18	27	22	44		
WOLF CREEK DAM	EVAP	.20	.13	.20	.26	.17	.25	.12	.56	.25	.15	.21	.19	.22	.16	.24	.17	.15	.12	.14	.23	.18	.31	.20	.11	.30	.21	.35	.12	.25	.23	.21	6.60 405	
	WIND	24	10	9	21	2	14	22	14	18	7	10	6	14	19	30	24	8	10	15	15	9	14	15	10	5	10	10	20	5	5	10		

Dix Dam - Evaporation pan is coated with aluminum paint inside and out each year before being placed in operation.

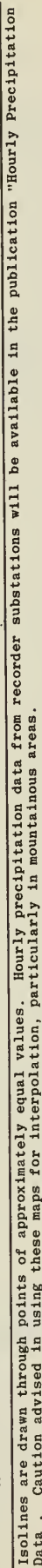
TOTAL PRECIPITATION

KENTUCKY
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Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

KENTUCKY
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STATION INDEX

KENTUCKY
JULY 1960

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
							TEMP.	PRECIP.	EVAP.	SPECIAL									TEMP.	PRECIP.	EVAP.	SPECIAL		
ADDISON DAM 45	0031	BRECKINRIDGE	7	37 55	86 34	380	6A	6A			C	CORPS OF ENGINEERS	LITTLE HICKMAN LOCK 8	4825	JESSAMINE	4	37 45	84 35	521	7A			C	CORPS OF ENGINEERS
ALBANY 4 N	0063	CLINTON	2	36 45	85 08	1000	7P				C	MRS. BARBARA M. COOL	LOCKPORT LOCK 2	4857	HENRY	4	38 26	84 58	485	6A			C	CORPS OF ENGINEERS
ANCHORAGE	0155	JEFFERSON	7	38 16	85 33	700					C	CHARLES G. BARNEY	LOULICK 1 S	4882	CLARK	4	37 51	84 02	773				C	HURST BURGHER
AREX 2 NE	0185	MULLENBERG	3	37 08	87 19	510	7A				C	SPENCER PROWSE	LONDON	4893	LAUREL	2	37 08	84 04	1191				C	KNOWVILLE FERTILIZER CO
ASHLAND DAM 29	0254	ROYD	7	38 27	82 36	551	6P	7A			C	CORPS OF ENGINEERS	LONDON EAA AP	4898	LAUREL	2	37 05	84 05	1191	MID			C	FED. AVIATION AGENCY
BARBOURVILLE	0381	KNOX	2	36 52	83 53	1000	6R	6R			C	UNION COLLEGE	LOUISA	4943	LAWRENCE	1	38 07	82 37	582				C	CHARLES F. BRANHAM
BARSTOWN S J PRER SCH	0397	NELSON	8	37 48	85 28	631	5P	5P			H	ST. JOSEPH PRER. SCHOOL	LOUISA 2	4946	LAWRENCE	1	38 07	82 36	588				C	HAROLD C. FERGUSON
BAXTER	0450	HARLAN	2	36 51	83 20	1164	7A				C	C. HOMER NOLAN	LOUISVILLE	4949	JEFFERSON	7	38 14	85 46	462	6P	6P		C	LOUISVILLE G. & E. CO.
BEAVER DAM	0400	OHIO	3	37 25	86 52	441	6P	6P			H	E. G. YOUNG	LOUISVILLE BOWMAN FLO	4951	JEFFERSON	7	38 13	85 40	558				C	CORPS OF ENGINEERS
BENHAM	0595	HARLAN	2	36 58	82 57	1505	8A	8A			H	C. WHITEAKER	LOUISVILLE WB AP	4954	JEFFERSON	7	38 11	85 44	474	MID			C	U.S. WEATHER BUREAU
BENTON	0611	HARSHALL	9	36 51	88 20	395	5P	5P			C	JAMES H. MILLER	LOUISVILLE UPPER GAGE	4955	JEFFERSON	7	38 17	85 48	403				C	CORPS OF ENGINEERS
BENTON 2	0615	MARSHALL	9	36 51	88 20	395	5P	5P			C	RADIO STATION WCL	LOVELL	4967	BALLARD	6	36 58	88 50	370	5P	5P		C	BLAINE MALONE
BEREA COLLEGE	0619	MADISON	4	37 34	84 18	1070	6P	6P			C	JAMES A. GROSSMAN	LUCAS	5002	BARREN	3	36 53	86 02	738				C	WILLARD E. EOSTER
BEREA WATER WORKS	0624	MADISON	4	37 33	84 15	1010	7A				C	MRS. LAURA B. GABBARD	MADISONVILLE 1 SE	5007	HOKINS	3	37 19	87 29	430	5P	7A		C	HONER WELBORN JR.
BIRCH LAKE	0752	LAWRENCE	1	38 02	82 52	690	8A	8A			C	JOHN LEE BURTON	MAHONTH CAVE PARK	5007	EDMONSON	3	37 11	86 05	800	5P	1P		C	NATIONAL PARK SERVICE
BONNIEVILLE	0854	HART	3	37 23	85 54	684	5P	5P			C	CITY OF BONNIEVILLE	MARTIN 4 SE	5111	CLAY	4	37 06	83 43	850	6P	7A		C	MORA S. WHITE
BOWLING GREEN	0904	WARREN	3	37 06	86 26	538	7A				C	JAMES R. EDWARDS	MARTIN 1 SSW	5171	FLOYD	1	37 33	82 45	655	7A			C	JAMES D. HUGHES
BOWLING GREEN SUBSTA	0907	WARREN	3	37 01	86 26	470	5A				C	TVA-639	MAYFIELD	5230	GRAVES	6	36 44	88 39	364	6P	7A		C	MAYFIELD ELEC. & WTR. CO.
BOWLING GREEN FEA AR	0909	WARREN	3	36 58	86 26	535	MID	MID			H	FED. AVIATION AGENCY	MAYFIELD OAH 33	5243	NASON	7	38 08	83 42	515	7A			C	CORPS OF ENGINEERS
BRENT DAM 36	0978	CAMPBELL	7	37 03	84 25	497	7A				C	CORPS OF ENGINEERS	MC KEE	5291	JACKSON	2	37 26	84 00	1000	7A			C	MRS. WINNIE M. MORAN
BROWNVILLE LOCK 6	1046	EDMONSON	3	37 12	86 16	410	7A				C	ELDRIDGE SKAGGS	MC KINNEYSBURG	5301	PENITENT	5	36 36	84 16	662				C	RICHARD T. SYMON
BURDINE 2 NE	1120	PIKE	1	37 13	82 35	1643	8A				C	EDWIN E. JOHNSON	NETA	5370	RIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
CUMBERLAND	1137	CUMBERLAND	2	36 47	85 22	600	7A				C	HARVIN M. LEE	MIDDLEBORO	5380	BELL	2	36 37	83 43	1130	5P	7A		C	MRS. LELA M. HERRELL
CADIZ LOCK 1	1206	TRIGG	2	36 48	87 58	384	7A				C	CORPS OF ENGINEERS	MIDDLEBORO SEWAGE PL	5387	WOODFORD	4	36 09	84 41	-	8A			C	CITY OF MIDWAY
CALHOUN LOCK 2	1227	MC LEAN	4	37 32	87 16	402	7A				C	CORPS OF ENGINEERS	MIDWAY	5407	WOODFORD	4	36 09	84 41	-	8A			C	CITY OF MIDWAY
CAMPBELLVILLE	1256	TAYLOR	3	37 20	85 21	771	6P	6P			H	ALVA MC KINLEY	HILLERSBURG	5430	EDMONSON	5	36 18	84 09	789				C	CITY WATER WORKS
CANESVILLE	1294	GRAYSON	3	37 25	86 30	600	7A				C	G. V. COX SR.	HILLERSBURG	5430	GRAYSON	3	37 27	86 03	588	7A			C	M. OVA M. LAWLER
CARROLLTON LOCK 1	1345	CARROLL	4	38 41	85 11	480	4P	7A			C	CORPS OF ENGINEERS	MONTICELLO	5524	WAYNE	2	36 50	84 50	960	7A			C	ALVIN L. BERTMAN
CECILIA	1406	HARDIN	8	37 40	85 57	734	7A				C	WILLIAM S. VERREES	MONTICELLO	5555	ROMAN	5	36 11	83 26	770				C	PROF. HENRY C. MAGGON
CLAY CITY 1 WNW	1576	POWELL	4	37 52	83 56	712	7A				C	JOEL W. MOUNT	MONTICELLO	5640	MONTGOMERY	5	36 04	83 56	930	5P	5P		C	EREO CARTMILL
CLERMONT 1 SSE	1611	BULLITT	8	37 55	85 40	540	5P	5P			C	BERNHEIM FOUNDATION	MOUNT VERNON	5648	ROCKCASTLE	2	37 21	84 20	1137	5P			C	CITY OF MT. VERNON
CLINTON	1631	HICKMAN	6	36 41	89 00	390	5P				C	WOODSON O. FRANKLIN	MUNFORDVILLE 1 N	5684	HART	3	37 16	85 53	636	7A			C	EDWARD A. RICHARDSON
CLINTON 2	1632	HICKMAN	6	36 41	89 00	390	5P				C	MRS. BENNIE B. WHITE	MURRAY	5694	KALLOWAY	8	36 20	85 20	622	6P	6P		C	MURRAY STATE COLLEGE
COLLEGE HILL LOCK 11	1704	ESTILL	4	37 47	84 06	611	7A				C	CORPS OF ENGINEERS	OLIVE HILL 2 WNW	6013	CARTER	7	38 19	83 12	695	8A			C	GEORGE E. DUVAL
COVINGTON WB AIRPORT	1855	BOONE	7	39 04	84 40	869	MID	MID			C	U.S. WEATHER BUREAU	OLNEY	6020	HOKINS	7	37 14	87 47	533				C	MELVIE RARLEE NEIST
CUMBERLAND FALLS ST PK	1969	WHITLEY	2	36 50	84 19	1070	5P				C	E. O. DERTZ OF CONS.	ONEIDA	6026	CLAY	4	37 16	83 39	750	7A			C	MRS. ANNA L. BROWN
CYNTHIANA	1998	HARRISON	5	38 23	84 18	684	7A				C	H. MARSHALL HILL	OWENSFORD DAM 35	6033	CAMPBELL	7	36 58	84 18	512	7A			C	CORPS OF ENGINEERS
CYNTHIANA 2	2003	HARRISON	5	38 23	84 17	719	8A				C	E. CARROLL HILL	OWENSFORD DAM 46	6096	DAVIES	7	37 47	87 07	404	6P	7A		C	CORPS OF ENGINEERS
DANVILLE	2040	BOYLE	4	37 39	84 46	955	7A				C	E. CARROLL HILL	OWENSFORD DAM 46	6096	DAVIES	7	37 47	87 07	404	6P	7A		C	CORPS OF ENGINEERS
DAVELLA	2053	MARTIN	1	37 48	82 32	718	7A				C	MRS. E. A. DAVIS	PAUCAN FEA AIRPORT	6110	MC CRACKEN	7	37 04	88 46	388	MID			C	FED. AVIATION AGENCY
DELPHIA 1 E	2132	HERRY	4	37 02	83 07	1647	8A				C	BALLARD E. WALKER, JR.	PAUCAN	6115	MC CRACKEN	7	37 06	88 37	340	5P	5P		C	WESTERN P. LACEY
DEMA	2139	KNOTT	1	37 25	82 48	850	7A				C	HATTIE B. BARNEY	PAUCAN SEWAGE PLANT	6117	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PAUCAN
DEW DAM	2180	FLOYD	1	37 40	82 47	853	7A	7A			C	CORPS OF ENGINEERS	PAINTSVILLE	6136	JOHNSON	1	37 49	82 48	620	7A			C	JESSE T. LARSON
DIK DAM	2214	MERCER	4	37 48	84 43	870	4P	7A			C	PHILLIP O. THACKER	RIEVIEW	6353	RIE	1	37 29	82 31	686	5P	5P		C	U.S. WEATHER BUREAU
DUNDEE BARRETT'S FOOD DR	2358	OHIO	3	37 33	86 43	440	7A				C	JESSE L. MUE	PIKEVILLE	6384	BELL	2	36 45	82 42	1002	7A			C	FOLEY PARTIN
DUNNIP	2366	MULLENBERG	3	37 05	87 00	592	7A				C	N. O. GIVENS	PRINCETON	6575	CALDWELL	2	37 06	87 53	529	5P	5P		C	ALTON H. HARRILL
DYER	2391	BRECKENRIDGE	3	37 43	86 13	793	7A				C	LENA BLAIR	RAVENNA LOCK 12	6679	ESTILL	4	37 40	83 57	634	7A			C	CORPS OF ENGINEERS
EDDYVILLE LOCK F	2445	LYON	3	37 03	88 05	420	7A				C	CORPS OF ENGINEERS	RICHMOND	6805	MADISON	4	37 44	84 18	1122	8A	8A		C	THOMAS C. HERNDON
EDMONTON	2469	METCALFE	3	37 00	85 37	865	7A				C	JOHN E. MORAN	ROCHESTER LOCK 3	6882	OHIO	3	37 13	86 54	401	6P	6P		C	CORPS OF ENGINEERS
ELIZABETHTOWN	2510	HARDIN	3	37 41	85 52	739	6P	6P			C	RADIO STATION WEL	RUSSSELLVILLE	7049	LOGAN	3	36 51	86 53	590	6P	7A		C	MRS. HILDA L. COX
ELKHORN CITY	2528	PIKE	1	37 18	82 21	800	7A				C	EDMOND G. BENNETT	RUSSSELLVILLE SUBSTA	7054	LOGAN	3	36 50	86 54	576	7A			C	TVA-63
ELKTON 2 S	2546	TODD	2	36 47	87 10	520	7A				C	S. RICHARD ANDERSON	SAOIVILLE	7074	SCOTT	4	36 23	84 33	701				C	MRS. TRESSIE A. RALSTON
FALMOUTH	2775	FENDLETON	8	36 40	84 20	560	6P	7A			C	FRANK H. LAWSON	ST. HARY	7094	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
FARMERS	2791	ROWAN	5	38 09	83 33	668	4P	7A			C	MRS. C. C. STAMPER	SALVIA LOCK 6	7121	WOODFORD	4	37 56	84 49	490	6A			C	CORPS OF ENGINEERS
FLEMINGSBURG	2903	FLEMING	5	38 25	83 43	870	7A				C	MRS. JEAN												

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U. S. DEPARTMENT OF COMMERCE
FREDERICK H. MUELLER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

AUGUST 1960
Volume 55 No. 8



ASHEVILLE: 1960

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KENTUCKY - AUGUST 1960

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 100° on the 8+ at Princeton

Lowest Temperature: 55° on the 16+ at 5 Stations

Greatest Total Precipitation: 8.41 inches at Berea Water Works

Least Total Precipitation: 0.51 inch at Golden Pond 8 N

Greatest One-Day Precipitation: 4.26 inches on the 5th at Taylorsville

CLIMATOLOGICAL DATA

KENTUCKY
AUGUST 1960

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max		Min						Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
										60° or Above	70° or Above	70° or Below	60° or Below										
WESTERN																							
BEAVER DAM	89.0	66.2	77.6		96	17	58	13	0	15	0	0	0	2.33		.76	7	.0	0		5	2	0
BENTON 2																							
FORDS FERRY DAM 50	90.2	68.4	79.3		97	6+	61	14	0	19	0	0	0	2.23	- 1.00	1.16	22	.0	0		4	2	1
GOLDEN POND B N	91.9	65.1	78.5		98	6+	57	14	0	21	0	0	0	.51		.51	20	.0	0		1	1	0
GREENVILLE 2 W	89.2	66.8	78.0	1.3	94	17+	58	13	0	12	0	0	0	1.91	- 1.64	.96	20	.0	0		5	1	0
HENDERSON 7 SSW	89.1	66.5	77.8	.5	97	2	59	12+	0	15	0	0	0	3.79	.52	1.25	4	.0	0		6	3	1
HICKMAN 1 E	91.8	66.1	79.0		98	17+	56	13	0	21	0	0	0	1.34		.37	5	.0	0		4	0	0
HOPKINSVILLE	90.6	65.6	78.1	.3	98	9+	57	16	0	17	0	0	0	4.77	1.36	2.92	9	.0	0		7	2	1
LOVELACEVILLE	92.2	66.4	79.3	.9	98	6+	55	13	0	23	0	0	0	1.50	- 1.94	.64	19	.0	0		6	1	0
MADISONVILLE 1 SE	89.6	67.8	78.7		95	2	60	12	0	15	0	0	0	.83		.36	7	.0	0		3	0	0
MAYFIELD	91.5	67.6	79.6		97	31+	58	14	0	23	0	0	0	.71		.48	19	.0	0		2	0	0
MURRAY	91.9	68.1	80.0	1.4	97	6+	57	11	0	20	0	0	0	1.54	- 1.85	.53	20	.0	0		4	2	0
OWENSBORO 2 W	90.3	66.3	78.3	1.5	97	2	59	14	0	21	0	0	0	3.05	- .37	.93	5	.0	0		7	3	0
PAOUCAH FAA AIRPORT	88.9	68.0	78.5		95	6+	57	12	0	15	0	0	0	2.58		1.12	17	.0	0		7	1	1
PAOUCAH	91.7	67.5	79.6		98	17	58	12	0	22	0	0	0	1.50	- 1.80	.75	19	.0	0		4	1	0
PRINCETON	92.3	66.2	79.3	1.4	100	8+	55	14	0	21	0	0	0	1.94	- 1.45	.60	21	.0	0		4	2	0
RUSSELLVILLE	90.6	66.9	78.8	1.6	97	2	58	13	0	21	0	0	0	2.12	- 1.25	.51	5	.0	0		6	1	0
DIVISION			78.7	1.1										2.07	- 1.37			.0					
CENTRAL																							
ADOISON OAM 45	86.7	63.4	75.1		94	4	56	13+	0	10	0	0	0	1.92	- 1.32	.38	9	.0	0		7	0	0
ANCHORAGE	85.7	64.9	75.3	.6	92	3	58	13+	0	3	0	0	0	3.44	- .10	2.40	19	.0	0		4	1	1
BARDSTOWN S J PREP SCH	88.7	63.4M	76.1M		94	2	55	12	0	16	0	0	0	3.22		.95	4	.0	0		9	3	0
BONNIEVILLE										0	0	0	0					.0	0				
BOWLING GREEN FAA AP	90.3	67.3	78.8	.8	98	2	60	13	0	20	0	0	0	3.64	- .07	1.33	17	.0	0		6	2	2
CAMPBELLSVILLE	88.1	66.3	77.2		93	2	60	11	0	12	0	0	0	2.89		.66	31	.0	0		7	2	0
CECILIA	88.6	63.8	76.2	.7	96	4+	56	13	0	14	0	0	0	3.66	- .02	.99	22	.0	0		8	4	0
CLERMONT 1 SSE	91.4	65.3	78.4		98	4	59	13+	0	23	0	0	0	2.67		1.05	4	.0	0		4	2	1
ELIZABETHTOWN	88.4	66.3	77.4		95	2	58	13	0	11	0	0	0	4.78		1.30	30	.0	0		7	4	1
GLASGOW WKAY	87.8	65.8	76.8		94	2	61	27+	0	11	0	0	0	3.23		1.24	8	.0	0		6	2	1
GREENSBURG	89.0	65.2	77.1	1.0	95	3	60	12+	0	14	0	0	0	1.96	- 1.99	.46	20	.0	0		8	0	0
IRVINGTON	91.0	65.9	78.5	2.1	98	6	57	13	0	19	0	0	0	1.65	- 1.55	.57	20	.0	0		4	2	0
LEITCHFIELD	90.5	67.3	78.9	2.3	97	30	60	13	0	20	0	0	0	.68	- 2.88	.24	9	.0	0		2	0	0
LOUISVILLE	90.3	69.7	80.0		96	7+	64	17	0	17	0	0	0	.64		.34	4	.0	0		3	0	0
LOUISVILLE WB AP	87.1	66.6	76.9	.8	94	2	58	13	0	7	0	0	0	1.79	- 1.27	.61	15	.0	0		5	1	0
MAMMOTH CAVE PARK	85.5	65.8	75.7		91	2	59	13+	0	4	0	0	0	3.49		1.05	10	.0	0		7	3	1
SCOTTSDALE	89.5	65.9	77.7		95	17+	58	12	0	17	0	0	0	2.90		.79	9	.0	0		5	4	0
SUMMER SHADE	88.5	65.6	77.1		95	30+	60	24+	0	14	0	0	0	2.67		.88	8	.0	0		5	2	0
WOLF CREEK DAM	88.1	62.7	75.4		96	3	59	16+	0	12	0	0	0	4.32		1.06	9	.0	0		7	4	1
DIVISION			77.1	.8										2.75	- .91			.0					
BLUE GRASS																							
BEREA COLLEGE	88.0	63.6	75.8	.0	96	7+	58	24+	0	10	0	0	0	7.44	3.27	2.15	8	.0	0		8	4	3
CARROLLTON LOCK 1	87.2	65.6	76.4		94	2	59	13	0	9	0	0	0	1.23	- 2.37	.37	22	.0	0		4	0	0
COVINGTON WB AIRPORT	86.5	66.1	76.3	2.8	92	19+	59	1	0	5	0	0	0	5.21	1.87	2.12	9	.0	0		7	3	3
CYNTHIANA 2	88.3	64.2	76.3		96	3	57	1	0	14	0	0	0	3.33		.90	8+	.0	0		4	3	0
DANVILLE	86.6	62.7	74.7		93	7+	57	12+	0	9	0	0	0	6.24	2.34	1.95	9	.0	0		8	4	2
DIX DAM	87.4	66.5	77.0		94	2	60	13	0	11	0	0	0	5.39		.93	22	.0	0		9	6	0
FALMOUTH	88.4	64.6	76.5		94	18+	59	12+	0	13	0	0	0	1.03	- 2.11	.44	20	.0	0		3	0	0
FLEMINGSBURG 2	87.8	64.7	76.3		96	2	60	13+	0	13	0	0	0	2.82		1.24	7	.0	0		5	2	1
FRANKFORT LOCK 4	87.1	65.1	76.1	- .1	94	3	60	13+	0	7	0	0	0	4.76	1.16	1.78	5	.0	0		8	4	1
LEXINGTON WB AIRPORT	86.1	67.3	76.7	1.7	95	2	60	11	0	4	0	0	0	4.14	.77	1.36	4	.0	0		6	3	2
MAYSVILLE DAM 33	84.2	64.5	74.4	- .3	90	31+	60	24+	0	2	0	0	0	4.95	.71	2.78	5	.0	0		7	2	1
MOUNT STERLING	86.0	64.5	75.3		93	2	58	12	0	5	0	0	0	2.92	- .81	.53	30	.0	0		8	3	0
RICHMOND	85.9	65.1	75.5		92	3	58	11	0	5	0	0	0	3.25		1.43	8	.0	0		9	2	1
SHELBYVILLE	85.8	65.4	75.6	- .1	92	4+	60	13+	0	3	0	0	0	4.16	.49	1.26	5	.0	0		8	3	1
WARSAW MARKLAND OAM	88.1	66.0	77.1	1.7	96	18	60	18+	0	11	0	0	0	.98	- 2.54	.45	22	.0	0		4	0	0
WILLIAMSTOWN 5 WSW	86.9	63.7	75.3	- .8	93	19	55	11	0	10	0	0	0	1.50	- 1.80	.69	20	.0	0		5	1	0
OIVISION			76.0	.4										3.71	- .05			.0					
EASTERN																							
ASHLAND OAM 29	87.1	67.0	77.1	1.3	94	2	61	25+	0	11	0	0	0	3.65	.16	1.15	8	.0	0		7	2	1
BARBOURVILLE	87.5	63.9	75.7		94	3+	61	21+	0	14	0	0	0	4.74		1.70	31	.0	0		10	3	1
BAXTER	86.2	65.5	75.9		93	3	61	27+	0	4	0	0	0	5.78		1.09	11	.0	0		7	5	2
BENHAM	87.4	62.7	75.1		95	2	55	16	0	10	0	0	0	5.34		1.40	22	.0	0		9	3	2
BLAINE 1 W	86.8	61.7	74.3		95	8+	57	26	0	9	0	0	0	2.00		.96	8	.0	0		3	2	0
DEWEY OAM		64.9					58	27	0		0	0	0	6.30		2.19	23	.0	0		8	4	2
FARMERS	87.9	64.1	76.0	1.0	93	30+	58	1	0	11	0	0	0	3.95	- .23	.96	11	.0	0		10	3	0
GRAYSON 1 SE	87.5	64.5	76.0		94	3	58	25+	0	13	0	0	0	2.69		.83	11	.0	0		5	2	0
HEIDELBERG LOCK 14	87.2	64.5	75.9		93	3	60	25+	0	8	0	0	0	3.61	- .47	2.65	9	.0	0		4	1	1
HINDMAN SETTLEMENT SCH										0	0	0	0	4.46		.92	5	.0	0		7	5	0
INEZ	88.9	63.1	76.0		97	17	58	26	0	15	0	0	0	6.20		2.46	22	.0	0		6	3	2
LONDON FAA AIRPORT	81.8	62.7	72.3		87	2	57	15	0	0	0	0	0	3.74		1.17	18	.0	0		6	4	1
MANCHESTER 4 SE	87.8	65.6	76.7		93	3+	61	26	0	14	0	0</											

CLIMATOLOGICAL DATA

KENTUCKY
AUGUST 1960

CONTINUED

CONTINUED

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No of Days		
																		Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
99° or Above	32° or Below	32° or Below	32° or Below																				
MOUNT VERNON	86.4	63.4	74.9		92	16	56	11	0	6	0	0	0	3.24		.90	9	.0	0		6	2	0
PIKEVILLE	89.0	66.8	77.9		95	30+	58	26+	0	16	0	0	0	4.88	.99	1.27	22	.0	0		7	5	1
SOMERSET 1 N	86.7	64.7	75.7		93	2	59	15	0	8	0	0	0	2.02		.42	9	.0	0		7	0	0
VANCEBURG DAM 32	85.8	65.0	75.4		91	30+	60	12	0	5	0	0	0	2.75	1.11	1.52	4	.0	0		4	1	0
WEST LIBERTY	86.8	63.1	75.0		93	3	57	25	0	8	0	0	0	2.63		.54	8	.0	0		8	1	0
WILLIAMSBURG 2	89.5	65.5	77.5	1.3	97	9+	61	9	0	17	0	0	0	3.83	.03	1.68	10	.0	0		9	1	1
DIVISION			75.8	.6										4.11	.23			.0					

†DATA RECEIVED TOO LATE TO BE
INCLUDED IN DIVISION AVERAGES

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00 a CST	6:00 a CST	12:00 p CST	6:00 p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	SSW	15	6.3	25	SSW	19	85	91	58	62	1	5	4	0	2	1	13	-	6.1
LEXINGTON WB AIRPORT	S	19	6.9	-	-	-	90	94	62	71	3	4	3	1	2	0	13	-	6.1
LOUISVILLE WB AIRPORT	S	12	4.6	29	W	20	83	89	61	63	6	1	4	1	0	0	12	56	5.5

See Reference Notes Following Station Index

KENTUCKY
AUGUST 1960

See reference notes following Station Index

DAILY PRECIPITATION

KENTUCKY
AUGUST 1960

Continued

Station	Total	Day of Month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ONEIDA	4.46				.70	1.13				.23	.16	.37		.02	.48	.27	.71				T	T	.45	.14							T	.03		
ONEIDA OAM 35	1.69				T	T	.07	T	.15	T	.67	.11										.02	.11	.53									.20	
OWENSBORO 2 W	3.05				.93			.86	.33	.10												.10	.51		.02								.02	
OWENSBORO OAM 46	2.82				.96			.65	.30	.27												.05	.57											
PADUCAH FAA AIRPORT	2.58				.17		T		.12	T												1.12	.26	.30	.17	.40				.04	T			
PADUCAH	1.50																					.75	.17	T	.40									
PAINTSVILLE	4.85	1.58			.56	.12		.06	.09			.40										.15	1.05	.62									.12	
PIKEVILLE	4.88				.72	.60	.07	.22	.38	.03	.89			.01	.02							.02	.53	1.27	.04								.06	
PINEVILLE	3.40	T			.03	T	T		.57	.10	.25	1.02		.03	.04	.64						T	.03	.55	.11	T							.03	
PRINCETON	1.94																					.36	.48	.60									.50	
RAVENNA LOCK 12	3.34				T	T		.08	.25													.10	T		1.21								1.70	
RICHMOND	3.25	.03			.02	.20		.20	1.43	T	T	.13										.14											.30	
ROCHESTER LOCK 3	1.14				.06			.49														.19	.21	.18	.03									
RUSSELLVILLE	2.12			.03	.51			.08	.35	.32												.02	.38	.30	.24	.24								
RUSSELLVILLE SUBSTA	2.20				.43																	1.16		.24	.02									
SALVISA LOCK 6	5.46				T	3.10		.54	.40	.04	.02	.47										.02	.18	.34									.05	
SALYERSVILLE 2 SE	4.92	.66			.31	.34		.29	.25	.09												.05	.05	1.65	.90								.38	
SCOTTSVILLE	2.90				.60			.09	.79														.25	.02	.40	.38								
SCOTTSVILLE 2 SW	2.36				.70				.03	.55	.03																							
SEBRIDGE	5.80							2.10									.70																	
SHAWNEE STEAM PLANT	2.03				.10			.11		.11																								
SHELBYVILLE	4.16				1.26	.89		.59	.14	.40	T	T										.43	T	.12	.33	T							T	
SHEPHERSVILLE	6.31				.70																													
SOMERSET 1 N	2.02	.01			.02			.22	.03	.42	.34	.05	.03									T	.03	.20	.11	.36	.02							3.59
SPRINGFIELD	4.42				.71			T	.27	1.02												.57												.02
STEARNS	3.26				T			.22	.96	.52	.16			.07	.12								.61	.03	.93	.07								.21
SUMMER SHADE	2.67	.20			.07			.88	.70	.03																								
SUMMER SHADE SUBSTA	3.10				.27			.72	.54	.02												.31	.05	.40										
TAYLORSVILLE	6.32				.426		.90		.38													.91												
TURKEY CREEK SCHOOL	1.71				.18			.01															.06	1.27	.02	.16								.40
TYRONE LOCK 5	4.28				.04	.43		.92	.72	.04	.05																							
UNIONTOWN OAM 49	2.57				.31			.22	.56																									
VALLEY VIEW LOCK 9	6.07				T	1.36		1.36	.18	.12	.72											.13												
VANNUREN	4.15	.05			.62			.52															.68	.49		.06								.53
VANCEBURG OAM 32	2.75				1.52	T	T	.32		.05	.43											T												
WARSAW MARKLAND OAM	.98				T			.11		.05																								
WAYNESBURG 7 NE	4.24				.74			.06	.98	.68	T											.07	.22	.16	.21	.45								
WEST LIBERTY	2.63	.26			.45	.02		.04	.54	.15	.12																							
WILLIAMSBURG 2	3.83				.05	.27		.40	.15	.02	1.68	.21		.15								.04	.03	.14	.29								.08	
WILLIAMSBURG 5 WSW	1.50				.03	.09	T	.06	.05	.10	.02																							
WILLOW LOCK 13	2.75	.15			.15			.02	.28	.72	.01	.06										.15												
WOLF CREEK OAM	4.32				.05			.88	1.06	.59	.04																							
WOODBURY LOCK 4	2.55				1.20		T		1.01																									

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Oelayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C. S. T. In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- R "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
- Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- O Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., EST of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

DAILY TEMPERATURES

KENTUCKY
AUGUST 1960

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADDISON OAM 45	MAX MIN	84 60	90 56	93 66	94 69	86 68	90 70	92 68	90 70	93 68	84 69	80 62	78 58	78 56	82 58	86 58	90 62	84 62	90 64	92 64	86 64	86 60	83 65	82 63	86 62	84 62	88 63	87 64	88 62	88 64	87 63	88 64	86.7 63.4
ANCHORAGE	MAX MIN	87 64	91 67	92 69	81 72	86 68	89 68	88 69	88 69	82 66	80 68	79 58	80 60	82 58	86 61	88 66	81 59	86 62	90 62	86 67	86 64	84 64	85 68	85 65	82 62	85 65	87 65	86 65	87 65	88 65	89 66	88 65	85.7 64.9
ASHLAND OAM 29	MAX MIN	87 61	94 65	93 72	89 72	91 68	89 70	90 71	92 70	90 68	82 67	78 64	78 62	85 65	83 71	89 67	81 66	90 65	90 65	89 65	88 67	82 66	81 71	83 66	84 66	87 61	87 67	88 66	93 64	91 70	84 70	87.1 67.0	
BARBOURVILLE	MAX MIN	90 64	94 66	94 66	90 66	92 67	90 66	91 68	92 66	86 63	87 64	80 64	79 63	83 64	85 63	88 61	90 63	91 64	90 63	85 64	85 61	88 63	79 65	83 62	86 63	85 62	85 63	89 64	90 64	92 63	90 63	87.5 63.9	
BARSTOWN S J PREP SCH	MAX MIN	90 61	94 68	93 69	89 62	90 65	92 65	90 65	91 62	85 62	84 69	82 59	81 55	84 59	87 63	90 65	90 60	91 62	92 63	81 66	89 67	88 64	85 68	86 63	87 59	88 60	89 63	90 62	92 66	92 65	88.7 63.4		
BAXTER	MAX MIN	89 64	91 65	93 68	91 69	88 68	89 70	86 69	88 69	09 64	86 65	83 65	81 65	80 66	83 65	81 65	86 64	89 65	89 65	86 65	84 65	83 65	82 65	80 65	85 62	84 62	86 61	87 65	89 68	90 68	90 68	86.2 65.5	
BEAVER OAM	MAX MIN	90 63	95 68	94 71	92 73	90 66	95 71	93 70	91 69	87 68	84 70	81 61	81 60	85 58	88 60	90 65	87 65	94 61	93 68	82 67	89 66	87 65	88 65	87 62	87 65	88 65	90 66	90 67	92 68	91 69	89.0 66.2		
BENHAM	MAX MIN	79 59	95 62	94 64	93 66	89 66	91 66	92 65	92 65	84 62	87 63	84 63	82 62	78 61	85 60	91 59	88 60	89 62	90 62	89 70	90 65	88 65	82 60	78 62	85 60	85 68	88 64	87 62	87 64	89 56	88 63	87.4 62.7	
BENTON 2	MAX MIN																																
BEREA COLLEGE	MAX MIN	90 61	96 64	93 65	90 69	93 65	93 68	96 67	88 65	86 63	82 64	80 58	79 59	85 60	83 61	91 65	87 61	91 62	92 64	89 64	87 65	89 65	83 67	84 68	86 58	88 59	87 62	88 63	89 65	88 66	85 67	88.8 63.6	
BLAINE 1 W	MAX MIN	85 59	90 62	94 64	95 70	86 64	93 65	94 66	95 63	90 63	88 66	81 59	06 64	78 60	81 59	85 60	86 64	85 60	92 60	90 60	86 62	84 62	85 65	85 65	85 58	85 57	85 50	86 58	86 58	85 58	84 58	86.8 61.7	
BONNIEVILLE	MAX MIN															90 62	09 59	92 61	90 62	91 64	90 69	86 64	87 63	86 59	89 61	88 62	89 61	88 62	90 63	92 66	91 69		
BOWLING GREEN FAA AP	MAX MIN	94 67	98 69	95 73	85 68	92 66	94 73	94 73	95 70	91 70	85 64	84 63	02 63	84 60	88 69	93 66	92 67	92 67	92 67	83 67	92 67	87 67	88 69	90 69	89 66	89 65	89 65	91 66	91 66	90 66	94 69	94 70	90.3 67.3
CAMPBELLSVILLE	MAX MIN	92 65	93 69	90 71	86 70	90 64	91 69	89 71	91 69	86 66	82 70	83 60	81 61	84 65	86 69	88 65	86 64	92 62	92 63	90 67	88 66	87 65	88 70	88 65	87 61	87 65	89 64	89 64	90 66	91 69	91 67	88.1 66.3	
CARROLLTON LOCK 1	MAX MIN	88 65	94 66	91 72	87 71	90 68	90 68	91 72	91 72	86 68	82 69	79 60	80 60	84 59	88 62	88 68	80 61	88 62	93 60	89 67	88 68	83 64	86 66	84 65	84 65	87 61	88 64	89 65	90 65	90 67	88 67	87.2 65.6	
CECILIA	MAX MIN	86 63	93 64	96 69	96 71	84 64	91 69	94 71	92 64	91 64	85 65	84 59	81 64	81 56	85 57	90 64	93 61	86 60	92 63	92 63	94 64	89 64	85 68	86 63	86 60	87 64	86 62	87 62	87 63	90 66	91 66	88.6 63.8	
CLERMONT 1 SSE	MAX MIN	91 63	97 67	97 71	98 71	93 67	94 69	96 72	93 65	89 65	87 67	85 59	85 66	87 59	90 65	93 66	88 60	93 60	95 60	90 66	93 68	92 64	90 69	89 64	89 60	90 62	91 65	91 64	92 65	93 66	92 66	91.4 65.3	
COVINGTON W8 AIRPORT	MAX MIN	87 59	90 69	87 73	84 70	88 67	87 67	88 68	88 68	07 68	83 67	79 60	80 60	84 61	88 64	85 69	82 64	09 65	92 62	84 67	82 64	87 66	86 64	84 66	87 64	89 65	88 65	89 64	90 65	90 66	89 68	86.5 66.1	
CYNTHIANA 2	MAX MIN	85 57	92 65	96 69	92 74	82 65	91 67	92 68	89 67	92 68	86 68	84 58	80 58	82 60	86 67	87 64	91 64	81 61	90 63	92 65	86 63	86 64	85 59	87 68	85 64	89 61	89 62	90 62	90 62	92 66	92 66	88.3 64.2	
DANVILLE	MAX MIN	88 62	90 63	93 70	91 70	79 63	89 63	93 68	85 63	90 61	83 63	83 57	81 57	79 60	84 63	84 62	88 61	85 62	89 62	91 65	90 62	86 62	85 65	83 60	85 60	85 60	86 61	86 61	90 65	88 65	92 65	86.6 62.7	
DEWEY OAM	MAX MIN	90 64	87 64	94 68	90 68	88 67	90 67	92 70	91 70	89 66	87 67	83 66	79 62	78 62	83 64	79 64	87 63	90 62	93 62	63 63	64 63	63 63	66 67	63 63	62 62	62 59	58 58	65 65	67 66	66 67	64.9		
OIX OAM	MAX MIN	90 64	94 71	93 72	89 67	89 72	90 69	90 69	85 64	83 61	81 60	84 61	88 62	87 60	90 62	88 61	90 63	85 65	90 67	92 66	85 66	84 61	84 66	84 61	85 66	88 67	88 70	91 68	90 69	87.4 66.5			
ELIZABETHTOWN	MAX MIN	91 64	95 67	94 68	92 71	90 64	92 69	94 72	92 65	85 63	84 69	81 60	01 62	85 65	91 68	90 65	89 63	88 66	89 64	87 68	87 71	89 66	88 71	86 61	86 61	85 64	88 63	87 65	90 67	89 67	89 66	88.4 66.3	
FALMOUTH	MAX MIN	87 60	94 65	89 68	86 72	90 68	91 69	88 66	92 66	84 66	80 67	02 59	85 59	87 60	87 62	90 66	81 63	91 61	94 61	93 66	87 66	86 64	85 64	85 63	90 60	88 62	89 64	91 63	93 68	89 67	88.4 64.6		
FARMERS	MAX MIN	89 58	93 63	91 66	89 71	90 67	91 68	89 69	81 67	86 68	83 69	80 67	79 65	86 63	85 66	91 60	82 63	89 64	93 61	89 68	86 64	88 61	85 68	85 65	87 64	89 61	89 64	90 65	90 66	89 68	87.9 64.1		
FLEMINGSBURG 2	MAX MIN	89 60	96 67	93 69	84 70	91 67	92 69	89 67	90 68	84 69	82 66	79 60	78 60	83 66	86 64	90 65	79 65	89 64	93 64	90 64	88 62	84 67	85 62	85 62	88 61	98 62	90 65	94 66	93 67	88 66	87.8 64.7		
FORDS FERRY OAM 50	MAX MIN	90 64	97 69	96 74	88 73	93 70	97 74	96 72	96 73	89 70	84 71	82 63	85 62	92 64	92 61	90 70	87 68	96 69	95 69	89 65	89 63	90 68	88 67	90 67	90 67	91 71	91 72	90 72	93 70	93 68	92.2 68.4		
FRANKFORT LOCK 4	MAX MIN	85 62	90 63	94 66	92 70	83 68	88 69	81 69	86 71	91 66	84 67	82 60	82 60	85 64	85 66	90 64	89 62	84 65	93 65	89 67	86 64	84 68	82 65	86 62	86 62	87 61	87 66	89 66	89 67	90 67	87.1 65.1		
GLASGOW WKAY	MAX MIN	92 64	94 68	93 72	88 71	90 64	90 69	86 72	91 67	87 65	85 61	82 61</																					

DAILY TEMPERATURES

KENTUCKY
AUGUST 1960

Continued

Station		Day Of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
INEZ	MAX	89	95	94	90	92	91	93	91	86	87	86	84	92	83	85	89	97	91	90	88	86	82	84	84	88	89	90	91	90	92	88	88.9	
	MIN	62	63	65	68	65	67	65	66	64	64	64	60	60	60	61	61	62	60	60	63	63	65	65	62	59	58	60	64	64	64	69	63.1	
IRVINGTON	MAX	95	97	96	87	92	98	94	95	87	86	84	83	88	90	94	88	95	95	87	91	88	88	88	88	92	90	93	93	92	95	93	91.0	
	MIN	64	68	71	72	66	70	70	70	67	69	59	61	57	61	68	61	62	65	68	65	65	71	64	61	64	67	65	67	69	69	66	65.9	
LEITCHFIELD	MAX	95	95	95	86	95	95	94	93	92	85	83	80	82	90	92	91	93	95	85	91	88	89	87	89	90	89	90	92	93	97	94	90.5	
	MIN	66	71	71	73	67	72	70	72	67	71	62	63	60	67	67	65	64	68	68	66	64	70	65	65	65	67	66	68	68	70	69	67.3	
LEXINGTON WB AIRPORT	MAX	89	95	93	80	88	91	84	87	84	81	78	78	83	85	87	82	89	92	88	85	86	84	84	84	85	86	87	89	88	88	88	86.1	
	MIN	63	72	74	70	68	69	69	69	65	67	60	62	67	68	67	64	65	68	67	66	67	70	65	65	64	68	67	69	71	71	68	67.3	
LONDON FAA AIRPORT	MAX	84	87	85	81	84	85	84	84	81	79	74	69	78	75	81	82	82	78	59	85	85	84	77	81	82	83	82	83	86	84	86	85	81.8
	MIN	61	63	66	67	63	64	66	67	63	63	60	61	61	59	57	60	58	58	59	65	63	65	64	63	62	62	62	64	69	66	67	62.7	
LOUISVILLE	MAX	90	94	95	94	92	96	94	94	87	85	85	85	88	92	95	85	92	92	91	91	88	88	88	89	88	88	88	87	93	92	92	90.3	
	MIN	68	74	76	74	75	74	74	75	71	74	65	65	65	68	72	65	64	70	66	66	67	67	70	67	70	67	67	72	71	72	69.7		
LOUISVILLE WB AP	MAX	88	94	92	83	90	92	93	39	85	84	80	80	84	87	90	80	88	92	87	89	86	83	85	86	86	87	87	88	72	69	66	66.6	
	MIN	65	70	72	71	70	70	71	70	68	68	62	63	63	66	63	63	62	65	68	64	65	68	66	65	64	67	67	68	72	69	66	66.6	
LOVELACEVILLE	MAX	93	98	95	90	95	98	97	97	89	85	84	88	93	95	95	94	96	94	86	89	88	91	91	91	88	91	95	91	91	95	96	92.2	
	MIN	60	67	70	73	69	70	70	75	69	71	58	57	55	63	67	69	64	66	69	70	63	61	62	61	67	64	65	69	69	67	70	66.4	
MADISONVILLE 1 SE	MAX	91	95	93	91	90	94	94	94	90	85	81	81	86	89	93	88	94	93	88	87	87	89	88	88	89	88	89	90	89	92	93	89.6	
	MIN	63	69	76	74	70	72	72	72	70	72	61	60	62	69	70	65	63	67	68	68	64	69	66	63	64	70	64	67	72	67	67	67.8	
MAMMOTH CAVE PARK	MAX	89	91	90	87	86	89	90	89	82	82	78	77	80	84	87	86	87	88	86	85	85	87	85	85	86	84	85	86	87	90	85	85.5	
	MIN	61	71	72	71	65	70	69	69	66	69	59	59	59	58	68	66	64	68	66	67	64	69	62	62	62	64	63	66	68	68	68	65.8	
MANCHESTER 4 SE	MAX	91	93	93	89	91	90	91	90	87	86	80	77	85	82	89	90	91	90	86	86	82	81	84	83	89	87	90	91	89	92	89	87.8	
	MIN	64	66	68	70	69	70	70	68	64	68	66	64	68	68	62	63	64	64	67	64	62	67	64	62	62	61	61	65	67	65	68	65.6	
MAYFIELD	MAX	93	97	95	92	96	96	96	97	92	86	83	85	86	91	96	95	96	92	83	90	88	91	92	90	90	88	89	91	91	92	97	91.5	
	MIN	64	70	72	74	69	72	74	75	71	70	60	61	59	58	65	69	67	68	67	69	66	72	67	65	63	68	65	69	69	70	68	67.6	
MAYSVILLE DAM 33	MAX	79	84	90	88	83	88	86	81	88	82	79	77	78	82	84	83	84	84	83	84	83	87	83	80	81	82	83	84	85	86	87	84.2	
	MIN	60	63	67	70	67	68	66	68	65	66	60	60	60	65	64	63	64	64	65	64	63	67	63	60	61	62	63	65	66	68	67	64.5	
MIDDLESBORO	MAX	92	93	92	89	91	88	89	92	85	80	83	78	84	81	88	87	88	87	85	86	83	80	86	86	86	86	86	86	90	90	91	87	86.7
	MIN	62	65	65	67	68	67	68	65	65	66	65	63	64	67	61	64	63	62	65	65	66	68	65	62	61	60	63	65	64	65	66	64.6	
MONTICELLO	MAX	90	92	94	87	90	90	91	90	86	84	80	75	84	82	88	89	92	90	89	85	84	81	84	88	85	84	85	87	86	90	90	86.8	
	MIN	63	68	71	70	66	68	72	73	65	67	63	62	64	68	60	64	62	63	65	67	66	68	64	61	62	62	62	65	69	66	68	65.6	
MOUNT STERLING	MAX	88	93	90	85	88	87	86	88	83	81	78	78	81	83	88	86	89	91	88	84	84	83	83	84	86	86	87	90	89	91	87	86.0	
	MIN	60	67	70	68	67	68	68	65	64	66	60	58	62	64	64	62	63	65	65	63	62	67	63	62	61	63	64	65	68	68	67	64.5	
MOUNT VERNON	MAX	89	91	89	88	90	90	86	88	88	82	82	75	84	82	87	92	89	90	88	88	85	80	84	84	82	85	86	88	90	88	87	86.4	
	MIN	62	66	70	71	63	87	66	70	60	57	56	60	62	67	60	62	63	62	66	65	62	64	62	64	58	60	61	63	63	67	65	63.4	
MURRAY	MAX	95	97	94	95	95	97	96	96	94	89	85	89	89	92	96	95	94	95	85	91	88	87	90	89	89	88	89	91	91	93	95	91.9	
	MIN	64	70	73	73	69	72	73	75	72	69	57	61	62	61	67	69	65	70	68	69	68	71	69	68	65	70	67	69	70	68	70	68.1	
OWENSBORO 2 W	MAX	94	97	95	86	92	96	93	94	88	84	81	85	85	88	91	90	95	93	85	89	86	90	92	92	92	90	91	91	90	90	94	90.3	
	MIN	65	68	71	72	68	71	69	67	69	70	61	61	64	59	65	63	65	66	66	68	64	70	65	63	68	66	64	66	67	67	66	66.3	
PADUCAH FAA AIRPORT	MAX	91	95	94	90	98	95	94	93	85	84	81	83	83	90	92	91	92	91	84	86	85	72	68	63	65	70	67	68	71	71	69	68.0	
	MIN	62	69	75	72	72	73	74	72	69	67	61	57	60	64	69	66	70	68	68	63	70	68	63	64	65	70	67	68	71	71	69	68.0	
PADUCAH	MAX	92	97	96	93	95	97	97	96	90	89	85	86	85	92	95	95	98	93	85	87	88	90	92	89	90	89	90	92	90	92	97	91.7	
	MIN	61	69	74	75	70	71	73	76	69	71	59	58	59	59	67	68	66	67	68	70	63	71	68	63	65	69	64	68	71	71	68	67.5	
PIKE																																		

EVAPORATION AND WIND

KENTUCKY
AUGUST 1960

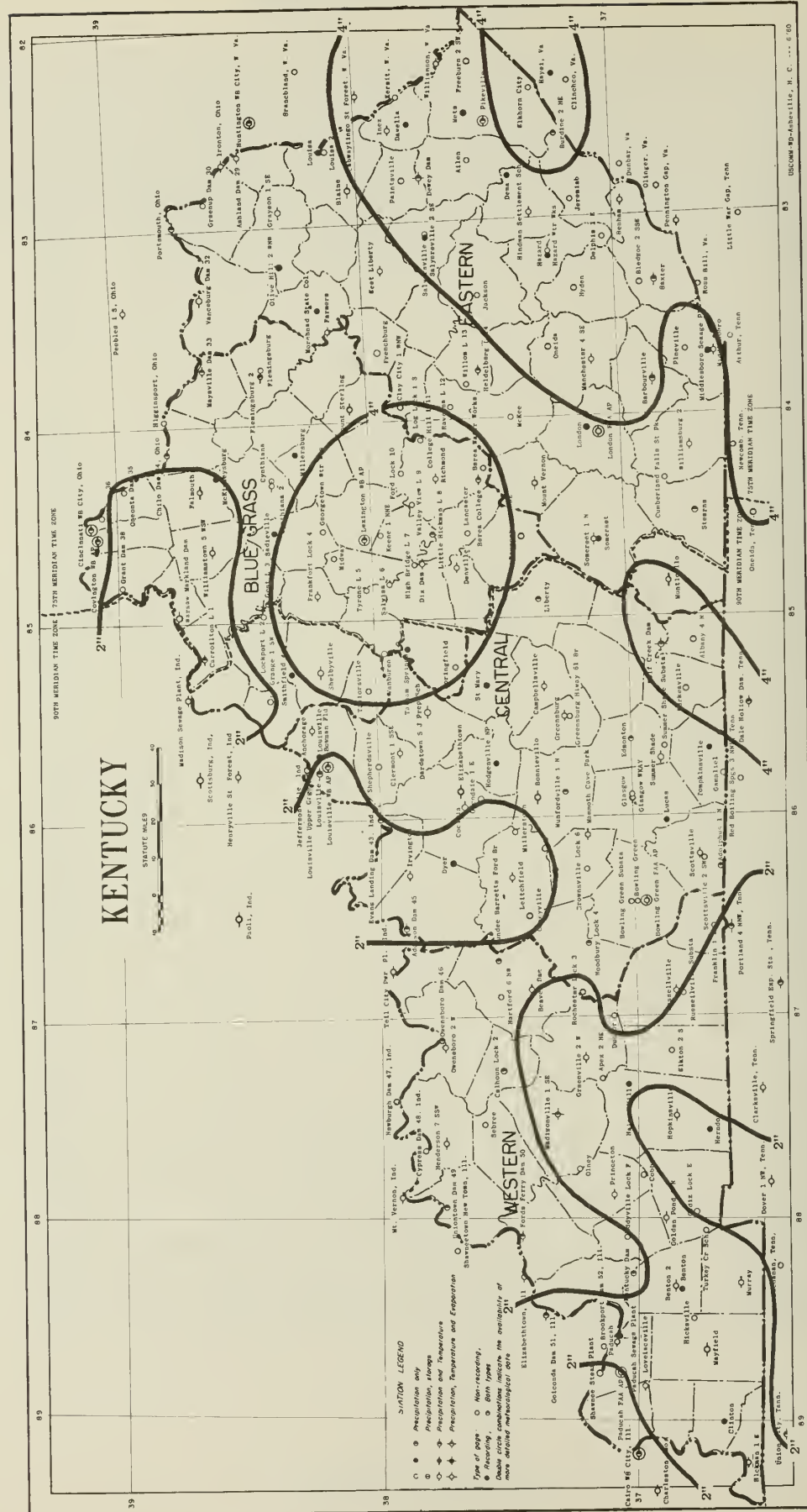
Station		Day of month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DEWEY DAM	EVAP	.10	.12	.19	.15	.14	.17	.15	.17	.12	.13	.11	.53	.05	.12	.10	.17	.15	.20	.17	.11	.12	.09	-	.11	.11	.16	.15	.16	.15	.17	.26	B4.78
	WIND	3	1	6	6	11	0	3	10	10	2	4	2	1	2	4	8	1	0	1	5	11	10	1	2	1	0	1	1	1	7	3	118
DIX DAM	EVAP	.21	.24	.29	.24	.08	.20	.37	.42	.26	.08	.29	.18	.11	.15	.19	.12	.29	.18	.22	.23	.21	.18	.07	.20	.20	.15	.17	.20	.17	.18	.16	6.24
	WIND	39	9	38	43	23	5	22	46	25	21	35	20	16	11	22	30	25	12	15	36	50	50	9	23	47	4	6	10	22	17	15	746
MADISONVILLE 1 SE	EVAP	.26	.16	.30	.30	.16	.19	.00	.28	.26	.28	.22	.14	.14	.21	.31	.28	.23	.16	.31	.34	.40	.29	.14	.28	.16	.28	.14	.24	.19	.28	.21	7.14
	WIND	35	14	56	84	36	23	50	62	37	47	44	29	22	24	83	39	27	24	50	56	83	69	20	21	25	43	28	31	60	69	29	1320
WOLF CREEK DAM	EVAP	.19	.17	.24	.24	.05	.17	.20	.24	.38	.20	.06	.26	.04	.10	.17	.21	.21	.20	.18	.09	.20	.13	.07	.21	.16	.15	.17	.15	.08	.25	.25	5.42
	WIND	5	15	15	5	25	5	-	-	-	-	-	-	4	9	8	10	8	8	8	18	20	25	3	5	10	14	10	10	10	10	10	10

Dix Dam - Evaporation pan is coated with aluminum paint inside and out each year before being placed in operation.

See Reference Notes Following Station Index

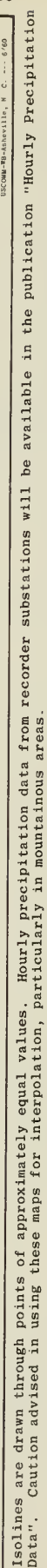
TOTAL PRECIPITATION

KENTUCKY
AUGUST 1960



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

KENTUCKY
AUGUST 1960



STATION INDEX

KENTUCKY
AUGUST 1960

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
							TEMP.	PRECIP.	EVAP.	SPECIAL		
ADDISON DAM A5	0031	BRECKINRIDGE	7	37 55	86 34	980	6A				C	CORPS OF ENGINEERS
ALBANY A N	0043	CLINTON	2	36 45	85 08	1000	7A					HUBERT BURGER
ANCHORAGE	0155	JEFFERSON	7	38 16	85 33	700	7P					SNOWVILLE FERTILIZER CO
ASHLAND DAM 29	0254	BOYO	7	38 27	82 36	551	6P					FED. AVIATION AGENCY
BARDOLVILLE	0381	KNOX	2	37 52	83 59	1000	6P					CHARLES F. BRANHAM
BARDSTOWN S J PREP SCH	0397	NELSON	8	37 48	85 28	631	5P					HAROLD C. FERGUSON
BARTON	0450	HARLAN	8	37 48	85 28	631	5P					LOUISVILLE G. & E. CO.
BEAVER DAM	0490	OHIO	3	37 25	86 52	441	6P					CORPS OF ENGINEERS
BENHAM	0555	HARLAN	2	36 58	82 57	1585	6A					U.S. WEATHER BUREAU
BENTON	0613	MARSHALL	9	36 51	88 20	395	5P					CORPS OF ENGINEERS
BENTON 2	0615	MARSHALL	9	36 51	88 20	395	5P					
BEREA COLLEGE	0619	HADISON	4	37 34	84 18	1070	6P					BLAINE MALONE
BEREA WATER WORKS	0624	HADISON	4	37 33	84 15	1010	7A					WILLARD E. POSTER
BLAINE 1 W	0752	LAWRENCE	1	38 02	82 52	690	8A					HOMER NELSON, JR.
BONNIEVILLE	0854	HART	3	37 23	85 54	684	5P					NATIONAL PARK SERVICE
BOWLING GREEN	0904	WARREN	3	37 00	86 26	536	7A					MORA S. WHITE
BOWLING GREEN SUBSTA	0907	WARREN	3	37 01	86 26	470	5A					JAMES D. MUGHES
BOWLING GREEN FAA AP	0909	WARREN	3	36 58	86 26	535	MID					MATFIELD ELEC. & WTR. CO.
BRENT DAM 36	0978	CAMPBELL	19	37 03	84 25	492	7A					CORPS OF ENGINEERS
BROWNVILLE LOCK 6	1046	EDMONSON	3	37 12	86 16	410	7A					MRS. WINNIE W. MORAN
BURDINE 2	1120	PIKE	1	37 13	82 35	1643	8A					RICHARD J. SYMON
BURKESVILLE	1137	CUMBERLAND	2	36 47	85 22	600	7A					MRS. EDITH J. SMITH
CADIZ LOCK E	1206	TRIGG	2	36 46	87 58	384	7A					MRS. LELA W. HERRELL
CALUMIN LOCK 2	1227	MC LEAN	1	37 32	87 16	402	7A					CITY OF MIDDLESBORO
CAMPBELLVILLE	1256	TAYLOR	3	37 20	85 21	771	6P					CITY OF MIDWAY
CANEYVILLE	1294	GRAYSON	3	37 25	86 30	600	7A					CITY WATER WORKS
CARROLLTON LOCK 1	1345	CARROLL	4	38 41	85 11	480	4P					M. ALVIN L. BERTHRAH
CECILIA	1406	HARDIN	9	37 47	84 06	611	7A					PROF. HENRY C. HAGGAN
CLAY CITY 1 WNW	1576	POWELL	4	37 52	83 56	712	7A					FRED CARHILL
CLERMONT 1 SSE	1611	BULLITT	8	37 55	85 40	540	5P					CITY OF MT. VERNON
CLINTON	1631	HICKMAN	6	36 41	89 00	390	7A					EDWARD A. RICHARDSON
COBB	1663	CALDWELL	2	36 59	87 47	490	7A					HURRAY STATE COLLEGE
COLLEGE HILL LOCK 11	1704	ESTILL	3	37 47	84 06	611	7A					GEORGE E. DUVALL
COVINGTON WB AIRPORT	1855	BOONE	7	39 04	84 40	869	MID					HELVIE PARLEE HEISZ
CUMBERLAND FALLS ST PK	1949	WHITLEY	2	36 50	84 19	1070	5P					MRS. ANNA L. BROWN
CYNTHIANA	1998	HARRISON	5	38 23	84 18	684	7A					CORPS OF ENGINEERS
CYNTHIANA 2	2003	HARRISON	5	38 23	84 17	719	8A					VIRGIL D. CLARK
DANVILLE	2040	BOYLE	4	37 39	84 46	955	7A					CORPS OF ENGINEERS
DAVELLA	2053	MARTIN	1	37 48	82 37	718	8A					FED. AVIATION AGENCY
DELPHIA 1 E	2132	PERRY	4	37 02	83 07	1647	7A					WESTERN P. LACKY
DEHA	2139	ENOTT	1	37 25	82 48	850	7A					CITY OF PADUCAH
DEWEY DAM	2180	FLOYD	1	37 45	82 47	653	7A					JESSE FAIRCHILD
DIX DAM	2214	MERCER	4	37 48	84 43	870	4P					U.S. WEATHER BUREAU
DUNDEE BARRETS FORD AP	2356	OHIO	3	37 33	86 43	440	7A					FOLEY PARTIN
DUNMORE	2366	MULLENBERG	3	37 05	87 00	592	7A					ALTON M. MARVILL
DYER	2391	BRECKINRIDGE	3	37 43	86 13	793	7A					CORPS OF ENGINEERS
EDDYSVILLE LOCK F	2445	LYON	3	37 03	88 05	420	7A					THOMAS C. HERNOON
EDMONTON	2469	HETCALFE	3	37 00	85 37	865	7A					CORPS OF ENGINEERS
ELIZABETHDOWN	2510	HARDIN	3	37 41	85 52	739	6P					MRS. HILDA L. COX
ELKHORN CITY	2528	PIKE	1	37 18	82 31	800	7A					TVA-683
ELKTON 2 S	2548	TODD	2	36 47	87 10	520	7A					CORPS OF ENGINEERS
FALMOUTH	2775	PENDLETON	5	38 40	84 20	560	6P					MRS. TRESSIE A. RALSTON
FARMERS	2791	ROWAN	3	38 09	83 33	668	7A					JOHN B. BAUER
FLEMINGSBURG	2901	FLEMING	5	38 25	83 45	911	6P					CORPS OF ENGINEERS
FLEMINGSBURG 2	2908	FLEMING	5	38 25	83 45	911	6P					STANLEY GARONER
FORD LOCK 10	2953	HADISON	4	37 54	84 16	660	6A					FORREST C. WILLIS
FORDS FERRY DAM 50	2961	CRITTENDEN	7	37 28	88 06	350	6A					MOBLE ALLEN
FRANKFORD LOCK 4	3028	FRANKLIN	4	38 14	84 52	504	6A					MRS. IDELL F. BEERING
FRANKLIN 1 E	3036	SIMPSON	3	36 43	86 34	690	7A					PAUL D. TOMPKINS
FREEPORT 2 SW	1046	PIKE	1	37 33	82 10	730	8A					TVA-709
FRENCHBURG	3052	HEMIFEE	5	37 57	83 39	844	7A					VIRGIL D. CROUCH
GAHLEHILL 1 S	3112	MORRIS	3	36 38	85 48	759	7A					OVID E. MAGRUDER
GEORGETOWN WATER WORKS	3194	SCOTT	4	38 12	84 35	888	8A					GEORGE E. SIMPSON
GEST LOCK 3	3203	HENRY	4	38 25	84 53	490	7A					CORPS OF ENGINEERS
GLASGOW	3241	BARREN	3	37 00	85 55	780	7A					RADIO STA WSCF
GLASGOW WEAY	3246	BARREN	3	37 00	85 55	808	6P					MRS. M. GONTLEY
GLENDALE 1 E	3252	HARDIN	3	37 36	85 54	710	7A					MRS. GLAITS M. GRIFFITH
GOLDEN POND 8 N	3295	TRIGG	2	36 54	88 00	393	4P					CHAS. M. MC MURREY
GRANT DAM 38	3358	BOONE	7	38 59	84 50	503	7A					TVA-684
GRAYSON 1 SE	3392	CARTER	7	38 19	82 56	900	6A					P. C. OGDEN
GREENSBURG	3430	GREEN	3	37 15	85 30	630	7A					MRS. KATHRYN B. CARR
GREENSBURG HIWAY 61 BR	3435	GREEN	3	37 15	85 30	590	7A					STANLEY HURD
GREENUP DAM 30	3443	GREENUP	7	38 37	82 51	538	7A					TVA-680
GREENVILLE 2 W	3451	MULLENBERG	3	37 12	87 12	519	5P					CORPS OF ENGINEERS
HALESY MILL	3539	CHRISTIAN	3	37 03	87 20	740	7A					CORPS OF ENGINEERS
HARTFORD 6 NW	3652	OHIO	3	37 32	86 54	429	8A					EVERETT M. MC GAUGHY
HAZARD	3709	PERRY	4	37 15	85 12	869	7A					CORPS OF ENGINEERS
HAZARD WATER WORKS	3714	PERRY	4	37 15	85 13	880	7A					CORPS OF ENGINEERS
HEIDELBERG LOCK 14	3741	LEE	4	37 33	83 46	663	5P					MRS. ELIZABETH BROWN
HENDERSON 7 SSW	3762	HENDERSON	7	37 45	87 38	382	6P					ESTIL M. MEADOWS
HERNDON	3798	CHRISTIAN	2	36 44	87 34	512	7A					HENRY NORTHCUTT
HICKMAN 1 E	3816	FULTON	6	36 34	89 10	362	7A					CORPS OF ENGINEERS
HICKSVILLE	3821	GRAVES	9	36 48	88 30	440	7A					CORPS OF ENGINEERS
HIGH BRIDGE LOCK 7	3837	JESSAMINE	4	37 49	84 43	544	6A					CORPS OF ENGINEERS
HINDMAN SETTLEMENT SCH	3899	KNOTT	4	37 20	82 59	1080	8A					
HODGENVILLE NAT PARK	3929	LARUE	3	37 32	85 44	788	7A					
HOPKINSVILLE	3994	CHRISTIAN	2	36 51	87 30	540	7A					
HYDEN	4093	LESLIE	4	37 10	83 23	890	7A					
INEZ	4134	MARTIN	1	37 52	82 32	638	6P					
IRVINGTON	4165	BRECKINRIDGE	3	37 53	86 17	644	7P					
JACKSON	4196	BREATHITT	4	37 33	83 23	795	7A					
JEREMIAH	4255	LEITCHER	4	37 10	82 56	1150	5P					
KEENE 1 NNE	4369	JESSAMINE	4	37 57	84 38	941	7A					
KENTUCKY DAM	4414	LIVINGSTON	9	37 01	88 16	362	5A					
LA GRANGE 1 SW	4595	DLOHAM	7	38 24	85 24	874	6A					
LANCASTER	4620	GARRARD	4	37 37	84 35	1032	8A					
LEITCHFIELD	4703	GRAYSON	3	37 29	86 18	642	6P					
LEXINGTON WB AIRPORT	4746	FAYETTE	4	38 02	84 36	979	MID					
LIBERTY	4755	CASEY	3	37 21	84 55	772	7A					
LITTLE HICKMAN LOCK 8	4825	JESSAMINE	4	37 45	84 35	521	7A					
LOCKPORT LOCK 2	4857	HENRY	4	38 24	84 58	465	6A					CORPS OF ENGINEERS
LOUISICK 1 S	4882	CLARK	4	37 53	84 02	773	7A					HUBERT BURGER
LONDON	4893	LAUREL	2	37 08	84 04	1195	7A					SNOWVILLE FERTILIZER CO
LONDON FAA AP	4898	LAUREL	2	37 05	84 05	1191	7A					FED. AVIATION AGENCY
LOUISA	4943	LAWRENCE	1	38 07	82 37	582	7A					CHARLES F. BRANHAM
LOUISA 2	4946	LAWRENCE	1	38 07	82 36	585	8A					HAROLD C. FERGUSON
LOUISVILLE	4949	JEFFERSON	7	38 14	85 46	462	6P					LOUISVILLE G. & E. CO.
LOUISVILLE BOWMAN FLO	4951	JEFFERSON	7	38 13	85 40	558	7A					CORPS OF ENGINEERS
LOUISVILLE WB AP	4954	JEFFERSON	7	38 11	85 44	474	MID					U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	JEFFERSON	7	38 17	85 48	403	6A					CORPS OF ENGINEERS
LOVELACEVILLE	4967	BALLARD	6	36 58	88 50	370	5P					
LUCAS	5002	BARREN	3	36 53	86 02	738	7A					BLAINE MALONE
MADISONVILLE 1 SE	5027	HOPKINS	3	37 19	87 29	439	5P					WILLARD E. POSTER
MANHATTAN CAVE PARK	5097	EDMONSON	3	37 11	86 05	800	5P					HOMER NELSON, JR.
MANCHESTER 4 SE	5111	CLAY	4	37 06	83 45	850	6P					NATIONAL PARK SERVICE
MARTIN 1 SSW	5171	FLOYD	1	37 33	82 45	655	7A					MORA S. WHITE
MATFIELD	5230	GRAVES	6	36 44	88 39	364	6P					JAMES D. MUGHES
MAYSVILLE DAM 33	5243	HASON	8	37 19	83 42	515	7A					MATFIELD ELEC. & WTR. CO.
MC KEE	5291	JACKSON	3	27 26	84 00	1000	8A					CORPS OF ENGINEERS
MC KINNEYSBURG	5301	PENDLETON	5	36 36	84 16	662	7A					MRS. WINNIE W. MORAN
META	5370	PIKE	1</									

551.05
UNKE

U. S. DEPARTMENT OF COMMERCE
FREDERICK H. MUELLER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

SEPTEMBER 1960
Volume 55 No. 9



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ASHEVILLE: 1960

KENTUCKY - SEPTEMBER 1960
TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 103° on the 7th at Mayfield

Lowest Temperature: 41° on the 14th at West Liberty

Greatest Total Precipitation: 9.60 inches at Tyrone Lock 5

Least Total Precipitation: 0.52 inch at Hartford 6 NW

Greatest One Day Precipitation: 4.84 inches on the 11th at Tyrone
Lock 5

CLIMATOLOGICAL DATA

KENTUCKY
SEPTEMBER 1960

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max		Min.						Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
										30° or Above	32° or Below	32° or Below	30° or Below										
WESTERN																							
BEAVER OAM	84.9	59.5	72.2		98	7+	46	13	5	8	0	0	0	1.79		.76	9	.0	0		3	2	0
BENTON 2	83.7M	55.9M	69.8M		99	7	43	13	12	8	0	0	0	1.23		.49	28	.0	0		3	0	0
FORDS FERRY OAM 50	85.2	62.7	74.0		102	6	47	13	2	8	0	0	0	1.65	- 1.53	.42	10	.0	0		4	0	0
GOLDEN POND 8 N	86.0	58.4	72.2		98	7	44	13	7	10	0	0	0	1.58		.82	10	.0	0		3	1	0
GREENVILLE 2 W	85.5	58.9	72.2	2.1	98	7	45	13	3	8	0	0	0	1.01	- 2.09	.66	10	.0	0		2	1	0
HENDERSON 7 SSW	86.4	59.9	73.2	2.5	99	7	47	13	3	9	0	0	0	1.56	- 1.64	.63	9	.0	0		3	2	0
HICKMAN 1 E	88.0	59.5	73.8		102	8	48	13	5	11	0	0	0	1.50		.86	10	.0	0		4	1	0
HOPKINSVILLE	86.3	60.3	73.3	2.1	100	8	47	13	4	9	0	0	0	2.36	- .77	1.39	11	.0	0		4	2	1
LOVELACEVILLE	87.6	59.7	73.7	2.3	101	7+	45	13	2	11	0	0	0	2.44	- .69	.95	10	.0	0		4	3	0
MADISONVILLE 1 SE	85.6	59.7	72.7		99	7+	49	20+	2	8	0	0	0	1.65		.79	9	.0	0		4	1	0
MAYFIELD	86.3	61.6	74.0		103	7	47	13	1	9	0	0	0	3.18		.90	9	.0	0		7	4	0
MURRAY	86.4	62.0	74.2	2.8	99	7	49	13	0	9	0	0	0	2.76	- .54	1.30	10	.0	0		4	2	1
OWENSBORO 2 W	87.8	59.8	73.8	3.8	102	7	48	14+	3	10	0	0	0	1.98	- 1.23	1.36	9	.0	0		3	1	1
PAOUCAH FAA AIRPORT	83.8	61.0	72.4		100	7	49	30	6	8	0	0	0	2.87		1.96	9	.0	0		3	2	1
PAOUCAH	87.9	59.0	73.5		102	7	42	13	4	9	0	0	0	1.82	- 1.54	1.18	10	.0	0		3	1	1
PRINCETON	87.4M	58.1M	72.8M	1.7	99	6+	44	13	3	11	0	0	0	1.26	- 1.82	.45	28	.0	0		4	0	0
RUSSELLVILLE	85.3	57.4	71.4	.9	100	7	43	13	6	8	0	0	0	2.34	- 1.26	1.40	17	.0	0		3	2	1
DIVISION																							
CENTRAL																							
ADDISON DAM 45	81.0M	55.8M	68.4M		96	9	45	14+	43	7	0	0	0	2.53	- .73	1.45	10	.0	0		3	2	1
ANCHORAGE	81.5	57.9	69.7	1.3	95	5	47	14	14	8	0	0	0	2.10	- .93	.88	17	.0	0		4	2	0
BAROSTOWN S J PREP SCH	84.2	56.8	70.5		96	5	45	14	8	8	0	0	0	5.63		3.00	17	.0	0		4	3	2
BONNIEVILLE																							
BOWLING GREEN FAA AP	84.3	60.4	72.4	.8	99	6	48	14	1	8	0	0	0	3.01	- .18	1.37	17	.0	0		3	2	2
CAMPBELLSVILLE	84.4	59.2	71.8		97	7+	46	14	3	8	0	0	0	3.76		2.11	17	.0	0		3	2	2
CECILIA	82.2	56.6	69.4	.0	95	9+	45	14	19	7	0	0	0	4.08	- 1.31	1.50	17	.0	0		5	4	2
CLERMONT 1 SSE	86.8	57.7	72.3		100	8	46	14	4	9	0	0	0	3.59		1.67	17	.0	0		4	3	2
ELIZABETHTOWN	83.4	58.1	70.8		95	6+	47	14	5	8	0	0	0	5.61		2.35	17	.0	0		3	3	3
GLASGOW WKAY	82.1	57.5	69.8		95	7	43	14	12	8	0	0	0	2.74		2.18	17	.0	0		3	1	1
GREENSBURG	83.8	57.7	70.8	1.1	99	8	45	15	12	9	0	0	0	4.16	- 1.04	2.02	17	.0	0		5	2	2
IRVINGTON	85.3	59.3	72.3	2.2	100	8	48	14+	4	9	0	0	0	2.44	- .40	1.15	9	.0	0		3	2	1
LEITCHFIELD	84.0	61.1	72.6	2.3	99	7	50	13	0	8	0	0	0	4.36	- 1.28	2.17	17	.0	0		5	5	1
LOUISVILLE	85.4	64.5	75.0		99	7	54	14	0	8	0	0	0	2.27		.70	9	.0	0		4	3	0
LOUISVILLE WB AP	81.2	59.7	70.5	.3	94	5	48	14	10	8	0	0	0	3.00	- .30	1.20	10	.0	0		5	3	1
MAMMOTH CAVE PARK	82.2	59.2	70.7		95	7+	45	13	10	9	0	0	0	5.34		2.79	17	.0	0		4	4	2
SCOTTSDALE	84.6	58.6	71.6		98	7+	46	13	5	8	0	0	0	3.81		2.20	17	.0	0		4	2	2
SUMMER SHADE	82.9	58.5	70.7		96	7+	45	13	8	8	0	0	0	3.19		2.13	17	.0	0		4	2	1
WOLF CREEK OAM	83.0	57.6	70.3		95	8+	45	15+	14	9	0	0	0	2.38		1.01	17	.0	0		4	2	1
DIVISION																							
BLUE GRASS																							
BEREA COLLEGE	81.8M	57.0M	69.4M	- .4	92	8+	45	14	17	7	0	0	0	2.90	- .14	1.99	17	.0	0		3	1	1
CARROLLTON LOCK 1	83.1	58.3	70.7		96	5	47	14	4	8	0	0	0	2.69	- .20	1.68	11	.0	0		4	2	1
COVINGTON WB AIRPORT	81.3	59.6	70.5	3.2	95	8	49	30+	18	7	0	0	0	1.07	- 1.90	.52	19	.0	0		3	1	0
CYNTHIANA 2	83.2	58.9	69.6		98	6	44	14	23	9	0	0	0	4.96		1.89	11	.0	0		4	4	2
OAMVILLE	81.1	55.1	68.1		93	8+	44	14	37	7	0	0	0	4.20	- 1.20	1.62	17	.0	0		5	3	2
OIX OAM	82.4	59.6	71.0		93	7+	49	14	5	8	0	0	0	4.60		1.98	17	.0	0		5	3	2
FALMOUTH	83.7	57.0	70.4		97	5	45	14	0	8	0	0	0	1.71	- 1.03	.91	11	.0	0		3	1	0
FLEMINGSBURG 2	81.3	57.4	69.4		99	5	45	14	11	7	0	0	0	3.74		2.15	17	.0	0		4	3	1
FRANKFORT LOCK 4	82.3	57.1	69.7	- .1	95	9+	49	15+	18	9	0	0	0	3.46	- .74	1.25	18	.0	0		5	4	1
LEXINGTON WB AIRPORT	80.3	60.7	70.5	1.0	95	5	51	14	6	8	0	0	0	5.20	- 2.37	3.05	17	.0	0		4	2	2
MAYSVILLE OAM 33	79.5	57.7	68.6	.3	92	6+	46	14	21	5	0	0	0	3.09	- .03	.99	18	.0	0		4	4	0
MOUNT STERLING	81.5	58.3	69.9		95	5	46	14	11	8	0	0	0	4.33	- 1.36	2.90	17	.0	0		3	2	2
RICHMOND	80.4	58.4	69.4		94	6	46	14	24	5	0	0	0	3.96		1.95	17	.0	0		3	2	2
SHELBYVILLE	81.5	58.7	70.1	.9	96	6	47	14	20	8	0	0	0	2.49	- .41	.86	10	.0	0		4	3	0
WARSAW MARKLAND OAM	82.8	59.7	71.3	2.5	96	8+	49	14	10	8	0	0	0	1.78	- 1.08	1.14	11	.0	0		4	1	1
WILLIAMSTOWN 5 WSW	82.1	57.2	69.7	- .1	96	8	48	15+	26	8	0	0	0	2.96	- .06	1.82	11	.0	0		4	1	1
DIVISION																							
EASTERN																							
ASHLAND DAM 29	81.1	60.0	70.6	.7	97	5	50	14	5	6	0	0	0	3.27	- .65	1.40	18	.0	0		7	2	1
BARBOURVILLE	82.5	59.8	71.2		93	7	46	14	5	8	0	0	0	4.07		2.26	11	.0	0		5	2	1
BAXTER	82.4	59.4	70.9		92	8+	47	14	8	5	0	0	0	4.51		3.20	11	.0	0		4	2	1
BENHAM	82.4	56.1	69.3		93	9	43	26+	19	6	0	0	0	5.24		2.31	11	.0	0		6	3	2
BLAINE 1 W	81.3			M	95	6			4	0	0	0	0	2.97		1.01	18	.0	0		6	3	1
OWEY OAM	78.0M	58.1	68.1M		95	6	48	26+	16		0	0	0	2.93		1.01	18	.0	0		6	2	1
FARMERS	84.3	56.4	70.4	2.4	96	5	44	14	6	8	0	0	0	3.35	- .31	1.63	18	.0	0		4	3	1
GRAYSON 1 SE	80.1	56.8	68.5		93	9+	44	14	20	6	0	0	0	4.51		1.52	18	.0	0		7	3	2
HEIDELBERG LOCK 14	82.3	58.1	70.2		91	5	44	14	8	5	0	0	0	3.21	- .59	1.25	17	.0	0		7	2	1
HINOMAN SETTLEMENT SCH	81.2M	58.0M	69.6M		89	4+	45	15+	33	0	0	0	0	2.38				.0	0				
INEZ	83.5	59.1	71.3		94	5	46	14	1	7	0	0	0	2.54		1.10	11	.0	0		4	2	1
LONDON FAA AIRPORT	78.8	57.6	68.2		90	6	42	14	20	1	0	0	0	3.44		1.14	10	.0	0		5	3	2
MANCHESTER 4 SE	82.3	59.9	71.1		93	7+	46	14	3	6	0	0	0	3.07		1.25	11	.0	0		6	1	1
MIDDLEBORO	82.4	59.4	70.9		94	6	46	14	7	7	0	0	0	6.00		2.33	11	.0	0		6	4	3
MONTICELLO	81.6	59.2	70.4		94	6	46	14	6	8	0	0	0	3.05		.95	11	.0	0		4	3	0

CLIMATOLOGICAL DATA

KENTUCKY
SEPTEMBER 1960

CONTINUED

CONTINUED

Station	Temperature													Precipitation										
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Mean	Greatest 1 in.	Date	Snow, Sleet			No. of Days			
										Max		Min						Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More	
										0-32	32-64	64-80	80-100											
										Above	Below	Above	Below											
MOUNT VERNON	83.4	60.9	72.2		93	8+	49	26	3	8	0	0	0	4.06	1.21	2.17	11	.0	0		7	2	1	
PIKEVILLE	81.6	58.5	70.1		95	7	43	14	9	6	0	0	0	2.41		1.78	17	.0	0		3	1	1	
SOMERSET 1 N	81.1	58.3	69.7		93	8+	47	14	5	5	0	0	0	3.19	.57	1.48	18	.0	0		5	2	1	
VANCEBURG DAM 32	81.4	54.9	68.2		95	6	41	14	32	6	0	0	0	2.52		.98	17	.0	0		4	3	0	
WEST LIBERTY																								
WILLIAMSBURG 2	84.1	60.0	72.1	2.0	97	7	48	15+	4	9	0	0	0	3.30	.76	1.23	11	.0	0		9	1	1	
DIVISION			70.2	.8										3.50	.86			.0						

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Midnight CST	6:00 a CST	Noon CST	6:00 p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	NE	12	6.0	21	SW	19	79	88	56	63	3	1	2	1	0	0	7	-	5.4
LEXINGTON WB AIRPORT	NNE	11	6.6	-	-	-	84	93	60	66	3	1	2	0	1	1	8	-	4.7
LOUISVILLE WB AIRPORT	SE	11	4.2	20	NE	30	79	84	59	62	2	1	2	2	1	0	8	59	4.9

See Reference Notes Following Station Index

KENTUCKY
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DAILY PRECIPITATION

KENTUCKY
SEPTEMBER 1960

Continued

Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ONEONTA OAM 35	2.67	T										1.10	T					.21	.35		1.01												
OWENSBORO 2 W	1.98			.02						1.36	.06	.35						.08															
DWENSBORO OAM 46	2.17			.15						.10	1.42	.33						.11	T														
PADUCAH FAA AIRPORT	2.87									1.96	.56						T				.26				T			.01					
PADUCAH	1.82									.34	1.18									T													
PAINTSVILLE	3.00			.05								.64	.45					.07	1.39														
PIKEVILLE	4.06									.28	.20	2.17	.03					.76	.16										.03		.06	.34	
PINEVILLE	5.24	T		T							.40	.97	2.40	.27				.33	.20		.07	.02								.11	.32		
PRINCETON	1.26									.20																				.21	.45	.94	T
RAVENNA LOCK 12	1.65										.15	.45	.04					.10	.85												.04	.06	
RICHMOND	3.96			.03						.02	.08	.49	.04					1.95	1.25		.05											.05	
ROCHESTER LOCK 3	1.91	T								.02	.49	.40						.90	.02														
RUSSELLVILLE	2.34									.34	.05	.55						1.40															
RUSSELLVILLE SUBSTA	2.50									.32	.09	.53	T					1.55										.01					
SALVISA LOCK 6	6.77									.17	2.40	1.25	T					1.21	1.74														
SALYERSVILLE 2 SE	3.35	.08										.77	.32					.62	1.17													.39	
SCOTTSVILLE	3.81								1.10		.40							.11	2.20														
SCOTTSVILLE 2 SW	3.58									1.15	.28	T						2.10													.40		
SEBREE	4.00									1.40	1.80	.40																					
SHAWNEE STEAM PLANT	2.88										2.30	.44									.10											.04	
SHELBYVILLE	2.49											.86	.49					.62	.52														
SHEPHERDSVILLE	3.15										1.35	.42						.75	.48													.15	
SOMERSET 1 N	2.41									.12	.01	.35	.02					.01	1.78	.06	.01											.05	
SPRINGFIELD	4.23									.70	.64	.74						2.00			.15												
STEARNS	3.43				.35						.30	.92	.04					.74	.61	T												.05	
SUMMER SHADE	3.19									.73	.15	.10						.05	2.13	.03													
SUMMER SHADE SUBSTA	3.52									.71	.20	.11						2.12	.33	.02	.03												
TAYLORSVILLE	3.88									T	1.00	.36						.30	2.22														
TURKEY CREEK SCHOOL	2.69									.39	.18	1.27						.41			.01				.02							.36	
TYRONE LOCK 5	9.60									1.36	.52	.84						.86	1.98													.04	
UNIONTOWN DAM 49	1.03									.14	.34	.27									T											.23	
VALLEY VIEW LOCK 9	5.65									.25	1.13	.92	.04					1.83	1.46													.05	
VANBUREN	4.88									.74	.78	.53						2.10	.73													.02	
VANCEBURG OAM 32	3.19									.20	.73	.32	.07					.30	1.48		.09												
WARSAW MARKLAND OAM	1.78										1.14							.24	.16		.24												
WAYNESBURG 7 NE	2.96	.04		.35						T	.03	.41	.05					1.17	.91														
WEST LIBERTY	2.52	.01									.50	.17						.98	.71		.04												
WILLIAMSBURG 2	3.30	.12							.14		.27	1.23	.18					.47	.34	.02												.07	
WILLIAMSTOWN 5 WSW	2.96									T	.47	1.82						.37	.27		.03												
WILLOW LOCK 13	3.18	.25		.33							.11	.35	.25					1.30	.42													.15	
WOLF CREEK DAM	2.38			.05	.16						T	.68						1.01	.38		.03											.07	
WOODBURY LOCK 4	5.06									1.02	1.55	1.07						1.40	T													.02	

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 8:00 a.m., C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., EST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

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DAILY TEMPERATURES

KENTUCKY
SEPTEMBER 1960

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADDISON DAM 45	MAX MIN	89 62	90 63	92 62	89 63	92 63	94 64	94 66	96 66	80 61	70 54	72 46	75 45	70 45	78 48	80 47	80 58	70 54	78 57	80 50	72 50	76 47	82 52	86 52	80 56	79 56	75 56	66 56	69 52			81.0 55.8	
ANCHORAGE	MAX MIN	91 61	93 67	91 67	92 63	95 66	92 67	93 61	92 64	80 66	72 57	72 60	76 48	73 48	76 51	84 54	69 61	78 54	80 57	71 53	78 53	82 53	88 59	83 61	83 57	81 56	74 59	72 59	80 54	74 53		81.5 57.9	
ASHLAND OAM 29	MAX MIN	90 69	91 66	86 66	93 58	97 69	88 69	92 66	91 66	85 67	75 64	66 58	78 54	79 50	80 51	82 57	80 61	68 61	77 59	75 60	75 55	87 57	84 59	82 60	83 54	77 54	71 59	71 59	75 59	81 55		81.1 60.0	
BARBOURVILLE	MAX MIN	88 63	90 64	90 63	91 62	92 63	92 64	93 66	91 64	87 66	90 64	78 63	77 54	78 53	80 46	80 53	77 63	70 63	84 60	81 63	81 65	86 66	85 63	80 55	80 52	80 50	74 54	70 60	71 63	80 63		82.5 59.8	
BARDSTOWN S J PREP SCH	MAX MIN	91 60	94 65	93 64	93 65	96 65	95 65	95 62	95 67	85 68	82 57	82 60	80 48	74 48	79 45	82 50	84 57	78 53	81 51	79 51	79 51	85 50	89 57	84 57	84 56	80 55	75 57	77 60	79 54	78 51		84.8 56.8	
BAXTER	MAX MIN	90 66	89 66	89 67	89 64	89 64	91 64	92 66	92 66	85 66	87 64	75 61	77 54	72 48	75 48	81 50	80 55	74 63	76 61	83 61	82 57	85 58	85 59	82 56	83 53	82 50	82 50	73 57	73 60	70 60		82.4 59.4	
BEAVER DAM	MAX MIN	92 63	96 64	96 67	94 67	96 65	98 67	98 68	96 71	83 70	76 59	77 60	79 48	76 46	81 49	82 53	84 58	75 65	81 57	85 60	82 52	81 55	86 55	88 53	84 53	82 48	77 54	78 56	82 53		84.9 59.5		
BENHAM	MAX MIN	90 62	89 66	89 66	88 62	90 65	88 60	92 64	92 64	93 63	83 62	73 58	76 53	73 44	73 47	83 53	83 52	80 54	81 56	82 59	80 50	85 55	86 55	84 53	82 48	81 48	73 54	74 56	68 53		82.4 56.1		
BENTON 2	MAX MIN	92 62	95 63	98 66	90 60	92 66	95 65	92 61	92 65	81 66	77 61	65 60	78 50	73 45	81 47	84 50	73 54	75 55	82 52	78 51	78 51	86 55	86 58	84 60		83 51	81 55	78 54	71 53		81.8 57.0		
BLAINE 1 W	MAX MIN	84 58	81 59	82 64	78 53	82 60	95 62	90 61	93 61	94 61	86 62	81 62	71 62	76 52	78 40	77 41	83 65		69 82	76 76		79 88	87 87		88 85	85 85	75 75	74 74	78 78		81.3		
BONNIEVILLE	MAX MIN																																
BOWLING GREEN FAA A-	MAX MIN	94 63	93 64	95 67	93 67	96 68	99 67	98 70	95 71	85 71	73 62	73 58	82 49	78 49	82 48	84 51	83 60	71 59	79 58	84 57	80 56	88 57	87 61	84 62	84 58	80 63	73 63	79 62	78 56	81 55		84.3 60.4	
CAMPBELLSVILLE	MAX MIN	92 62	93 63	93 64	95 65	96 66	97 67	97 67	94 70	87 67	77 63	70 62	79 51	77 50	79 46	85 51	84 58	74 62	78 61	82 55	80 53	81 53	86 55	87 59	85 61	83 57	76 58	80 60	80 53			84.4 59.2	
CARROLLTON LOCK 1	MAX MIN	92 63	94 67	90 68	93 63	96 66	94 68	93 58	91 62	86 69	82 56	74 59	78 50	76 47	80 55	82 53	81 56	77 54	80 58	79 55	76 59	82 59	86 59	83 59	83 56	80 56	74 60	78 55	77 55			83.1 58.3	
CECILIA	MAX MIN	88 60	89 59	92 65	92 64	93 65	95 65	94 65	94 67	95 67	80 63	74 57	72 49	78 48	73 51	79 50	82 55	71 55	78 51	81 51	73 51	76 51	84 52	84 56	82 55	82 57	78 59	77 59	76 55	77 50		82.2 56.6	
CLERMONT 1 SSE	MAX MIN	94 60	96 65	95 63	96 66	96 66	98 66	98 61	100 65	84 68	73 58	78 49	80 48	79 46	82 51	85 53	81 62	85 57	84 56	84 53	80 52	86 57	89 60	89 57	86 55	85 55	82 58	79 60	79 55			86.8 57.7	
COVINGTON WB AIRPORT	MAX MIN	92 66	93 71	90 66	94 65	93 69	89 66	92 65	95 69	79 66	69 57	74 51	77 50	71 49	82 56	84 59	69 57	79 57	66 57	76 57	83 54	89 63	86 65	84 61	80 57	77 59	70 60	80 54	67 49			81.3 59.6	
CYNTHIANA 2	MAX MIN	91 60	95 65	95 65	92 63	95 63	98 67	93 55	95 62	84 66	63 59	71 58	73 44	79 50	83 51	84 58	65 61	78 54	80 52	70 50	82 51	83 53	88 55	85 51	85 51	80 54	78 59	74 54	84 51			83.2 55.9	
DANVILLE	MAX MIN	88 60	90 60	93 63	89 61	91 61	93 64	91 61	93 65	92 66	81 65	68 56	65 48	78 48	73 44	78 45	74 50	82 52	65 55	75 51	80 51	77 51	78 52	85 53	85 53	81 53	84 53	68 55	79 54	77 50		81.1 55.1	
DEWEY OAM	MAX MIN	68 68	67 67	67 67	58 58	58 59	59 59	64 64	64 66	66 66	66 65	60 60	76 54	71 48	76 49	80 54	83 54	68 59	66 53	82 54	75 53	77 54	85 54	87 54	83 49	81 48	81 52	67 55	70 59	73 60		78.0 58.1	
DIX OAM	MAX MIN	90 63	92 66	91 66	92 64	93 66	93 67	93 65	92 65	83 67	80 65	76 59	76 52	76 49	80 54	81 56	80 61	76 60	79 55	78 56	77 55	84 55	86 60	84 62	85 58	81 56	76 58	77 60	77 55	79 55		82.4 59.6	
ELIZABETHTOWN	MAX MIN	90 64	92 66	90 67	91 63	95 64	95 66	94 66	93 69	87 69	82 59	71 58	78 49	77 48	82 51	77 55	76 62	78 55	82 56	80 53	78 53	85 52	87 54	88 56	85 58	79 57	75 60	76 59	77 55			83.4 58.1	
FALMOUTH	MAX MIN	94 62	95 67	92 66	95 60	97 64	91 67	95 57	95 62	85 66	79 59	80 57	80 51	74 45	78 51	78 52	79 56	78 55	80 54	76 54	78 54	84 52	88 56	85 58	85 52	80 51	74 54	80 61	73 56			83.7 57.0	
FARMERS	MAX MIN	93 67	92 62	90 63	93 55	96 62	93 64	92 60	95 61	86 63	84 63	82 63	75 44	84 45	83 45	83 50	79 61	79 55	78 54	81 53	79 58	86 53	87 58	85 55	82 52	80 47	74 51	79 59	80 57			84.3 56.4	
FLEMINGSBURG 2	MAX MIN	93 60	93 65	89 65	94 59	99 66	91 67	93 58	97 65	82 65	73 58	67 50	78 45	81 50	80 53	71 59	72 59	75 52	84 54	72 53	75 53	84 51	85 59	82 56	81 58	77 54	72 56	76 51	77 52			81.3 57.4	
FOROS FERRY DAM 50	MAX MIN	92 67	94 68	94 70	96 68	98 70	102 70	99 71	95 72	83 70	73 60	76 58	77 53	78 47	84 57	81 54	87 60	86 57	78 54	82 52	88 57	88 53	88 56	88 57	83 57	82 54	72 56	76 57	82 57			85.2 62.7	
FRANKFORT LOCK 4	MAX MIN	90 64	92 64	90 66	90 63	94 67	92 65	93 60	93 59	95 63	82 60	78 51	72 49	78 47	83 51	82 53	82 60	76 57	79 54	71 52	77 53	84 56	88 57	85 57	85 55	84 55	81 57	77 56	76 52			82.3 57.1	
GLASGOW WKAY	MAX MIN	91 59	94 62	90 60	92 63	93 66	94 67	95 67	92 64	78 68	73 61	68 60	79 46	80 44	83 47	83 59	67 63	76 58	83 53	78 51	77 53	86 51	86 59	80 60	82 59	86 54	80 59	76 57	78 55			82.1 57.5	
GOLDEN POND 8 N	MAX MIN	95 67	95 61	95 67	96 65	96 65	97 64	98 67	95 68	84 67	82 61	77 56	84 44	84 47	84 51	83 58	83 60	87 57	86 51	84 51	86 57	90 60	90 60	87 60	87 58	76 62	75 60	72 53	82 51			86.0 58.4</	

DAILY TEMPERATURES

KENTUCKY
SEPTEMBER 1960

Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
INEZ	MAX	91	93	89	90	94	89	93	90	91	80	75	76	72	84	86	87	82	67	83	82	81	87	85	86	84	81	78	73	74	81	83.5	
	MIN	67	64	67	58	63	69	65	64	63	62	61	60	57	46	54	57	63	63	62	57	55	56	57	56	48	47	53	59	61	59	59.1	
IRVINGTON	MAX	94	95	95	96	99	97	99	100	88	77	77	81	76	82	83	85	74	80	84	76	81	88	90	86	88	81	73	74	81	80	85.3	
	MIN	62	66	67	67	65	67	68	67	69	58	60	49	48	48	55	56	65	55	60	52	53	52	59	62	61	59	61	60	54	54	59.3	
LEITCHFIELD	MAX	94	95	96	95	98	98	99	96	80	76	71	80	80	81	83	82	70	78	83	76	78	86	89	83	83	78	75	77	78	82	84.0	
	MIN	65	67	69	69	69	69	70	71	68	59	60	53	50	52	55	58	63	59	59	56	55	57	62	64	60	61	61	59	57	56	61.1	
LEXINGTON W8 AIRPORT	MAX	91	92	90	92	95	91	91	91	81	70	68	76	72	75	79	81	68	75	77	71	76	82	85	83	82	77	73	73	76	76	80.3	
	MIN	66	69	69	66	70	69	67	72	68	59	60	53	53	51	55	59	61	60	55	56	55	56	63	64	59	57	58	61	57	54	60.7	
LONDON FAA AIRPORT	MAX	86	87	86	87	88	90	89	89	80	78	68	73	68	70	78	78	68	70	80	78	77	84	80	80	80	78	69	73	73	79	78.8	
	MIN	62	60	61	62	63	64	65	64	64	63	61	58	47	42	48	55	63	59	56	60	55	55	59	52	53	51	56	59	56	56	57.6	
LOUISVILLE	MAX	94	96	95	96	98	96	99	98	89	82	74	83	77	81	85	86	82	81	83	80	82	80	85	82	82	86	76	76	80	79	85.4	
	MIN	70	75	75	72	73	74	70	74	72	59	60	56	55	54	58	62	65	61	59	60	61	61	65	66	64	64	65	62	59	63	64.5	
LOUISVILLE W8 AP	MAX	90	92	91	92	94	91	93	92	80	71	74	78	72	76	79	82	69	78	80	71	78	82	85	83	82	80	73	72	79	76	81.2	
	MIN	64	69	69	66	68	70	65	66	69	59	59	50	53	48	53	57	59	57	57	55	56	52	61	63	60	60	61	59	56	51	59.7	
LOVELACEVILLE	MAX	96	97	97	97	100	101	01	97	87	79	79	80	80	85	85	85	87	90	86	81	85	92	90	88	87	81	72	79	85	78	87.6	
	MIN	64	66	68	66	67	65	67	68	71	61	54	49	45	50	53	60	61	59	63	53	54	61	61	61	59	60	64	59	51	52	59.7	
MADISONVILLE 1 SE	MAX	94	95	95	93	96	99	99	97	85	79	77	80	77	82	82	83	82	84	86	82	84	89	88	85	86	81	76	73	82	77	85.6	
	MIN	64	65	67	68	65	67	68	68	72	60	59	50	49	50	54	56	65	56	63	49	52	57	60	61	59	58	63	60	52	53	59.7	
MAMMOTH CAVE PARK	MAX	90	92	92	91	94	95	95	92	90	84	69	76	77	78	80	80	78	74	79	80	80	82	82	80	80	78	69	76	76	77	82.2	
	MIN	62	63	65	65	67	67	73	72	69	62	59	48	45	47	56	53	63	57	55	52	54	55	59	61	58	59	60	57	59	55	59.2	
MANCHESTER 4 SE	MAX	89	91	89	90	93	93	93	91	86	82	74	78	75	77	81	80	72	70	84	82	80	85	84	85	81	80	77	71	74	81	82.3	
	MIN	68	65	64	65	63	67	66	65	68	66	64	60	54	46	49	54	61	63	61	61	55	57	59	58	52	51	54	59	62	59	59.9	
MAYFIELD	MAX	98	97	99	99	100	100	03	98	82	77	74	82	80	84	85	82	86	86	86	81	84	90	86	84	83	78	72	74	82	76	86.3	
	MIN	66	65	70	67	70	65	69	72	70	61	59	50	47	52	55	63	62	65	64	55	56	58	63	65	63	62	64	60	53	56	61.6	
MAYSVILLE DAM 33	MAX	86	90	92	88	90	92	88	87	91	81	65	72	75	70	74	80	80	66	73	75	68	74	81	83	82	80	75	78	72	76	79.5	
	MIN	63	64	64	60	60	66	64	63	64	62	60	57	52	46	48	53	58	61	56	56	54	56	57	57	54	55	55	57	56	52	57.7	
MIDDLESBORO	MAX	90	90	90	90	93	94	92	89	86	87	76	78	74	75	80	79	75	72	82	84	84	85	84	82	82	79	76	72	72	80	82.4	
	MIN	67	65	66	64	62	65	66	66	64	66	64	61	51	46	50	57	62	64	59	61	54	57	58	55	50	49	55	61	61	56	59.4	
MONTICELLO	MAX	90	90	90	91	93	94	93	90	83	80	71	77	73	77	81	76	70	70	82	80	79	85	84	82	81	80	72	76	78	80	81.6	
	MIN	63	62	62	62	63	64	67	72	67	62	64	53	50	46	50	57	61	62	55	59	54	57	61	60	54	55	57	58	61	53	59.2	
MOUNT STERLING	MAX	91	92	92	93	95	90	92	92	81	77	68	77	71	76	80	82	78	72	78	76	76	83	85	82	81	78	79	74	77	78	81.5	
	MIN	62	65	64	60	67	67	58	67	67	58	58	54	50	46	51	55	58	59	64	55	52	54	58	58	55	52	55	58	57	64	58.3	
MOUNT VERNON	MAX																																
	MIN																																
MURRAY	MAX	94	95	95	96	97	97	99	97	88	80	78	83	81	85	84	82	85	85	87	82	85	91	88	88	86	78	73	72	82	79	86.4	
	MIN	64	66	68	69	72	72	69	72	72	61	57	53	49	54	56	62	63	60	64	65	64	61	64	66	62	60	63	60	55	57	62.0	
OWENSBORO 2 W	MAX	97	98	98	97	100	100	102	100	89	78	80	79	78	83	85	87	82	87	87	82	85	91	93	86	88	84	77	78	85	78	87.8	
	MIN	63	67	65	68	64	67	69	70	68	61	58	49	48	48	54	61	65	57	62	50	56	56	59	62	60	59	63	60	53	53	59.8	
PADUCAH FAA AIRPORT	MAX	93	93	93	93	97	96	100	94	80	68	75	75	77	82	82	82	83	85	84	79	80	89	87	83	83	79	70	77	82	74	83.8	
	MIN	64	67	70	69	69	69	69	70	68	59	56	53	50	53	56	61	61	62	62	53	54	63	63	66	61	60	63	59	52	49	61.0	
PADUCAH	MAX	97	97	99	99	100	100	102	100	85	78	80	80	80	85	85	84	88	87	88	83	85	92	89	86	85	85	75	80	85	79	87.9	
	MIN	65	66	68	67	68	68	68	71	72	58	54	50	42	48	52	58	60	55	58	50	54	59	60	60	58	57	63	58	50	52	59.0	
PIKEVILLE	MAX	92	92	91	92	93	93	92	93	88	81	73	78	74	77	82	84	79	72	86	82	82	87	84	86	85	84	70	75	71	83	83.4	
	MIN	68	68	69	63	63	68	65	67	67	68	66	62	56	50	51	55	62	64	62	62	58	60	59	55	50	49	56	62	61	62	60.9	
PRINCETON	MAX	95	95	97	95	99	96	96	94	79	80	84	80</																				

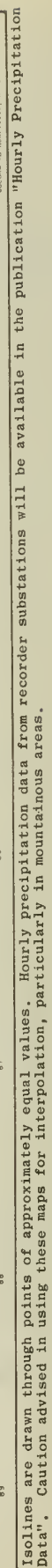
EVAPORATION AND WIND

KENTUCKY
SEPTEMBER 1960

Station		Day of month																															Total or Avg
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DEWEY DAM	EVAP WIND	.12 1	.15 0	.14 2	.18 2	.17 0	.12 3	.11 0	.14 2	.13 3	.10 3	.07 3	.05 2	.11 3	.11 5	.14 1	.11 0	* 1	* 0	.14 0	.10 1	.00 4	.16 0	.10 1	.11 1	.16 1	.14 2	.08 0	.03 0	.02 1	.03 0	3.02 42	
DIX DAM	EVAP WIND	.19 20	.19 8	.21 11	.21 7	.19 4	.21 28	.17 7	.26 16	.21 7	.22 16	.30 41	- 49	.20 9	.20 50	.20 49	.19 12	.09 16	.09 27	.09 23	.19 19	.16 25	.10 10	.09 13	.16 15	.15 13	.13 21	.13 1	.19 15	.02 9	.10 32	.10 10	B4.96 606
MAOISONVILLE 1 SE	EVAP WIND	.19 6	.23 16	.24 23	.24 22	.22 16	.21 14	.22 17	.22 18	.20 42	.09 40	.08 39	.14 30	.14 50	.16 29	.24 53	.20 31	.16 60	.05 22	.10 36	.14 27	.12 16	.14 24	.14 16	.14 24	.14 18	.18 25	.17 43	.07 18	.07 44	.13 28	.18 29	4.81 869
WOLF CREEK DAM	EVAP WIND	.20 5	.18 5	.23 5	.20 5	.18 5	.19 0	.21 5	.19 5	.18 4	.11 12	.05 32	.05 15	.15 4	.21 25	.13 8	.19 5	.07 25	.00 37	.08 4	.12 12	.17 8	.13 12	.13 5	.07 4	.13 7	.09 17	.17 8	.13 19	.10 5	.07 16	.20 5	4.18 307

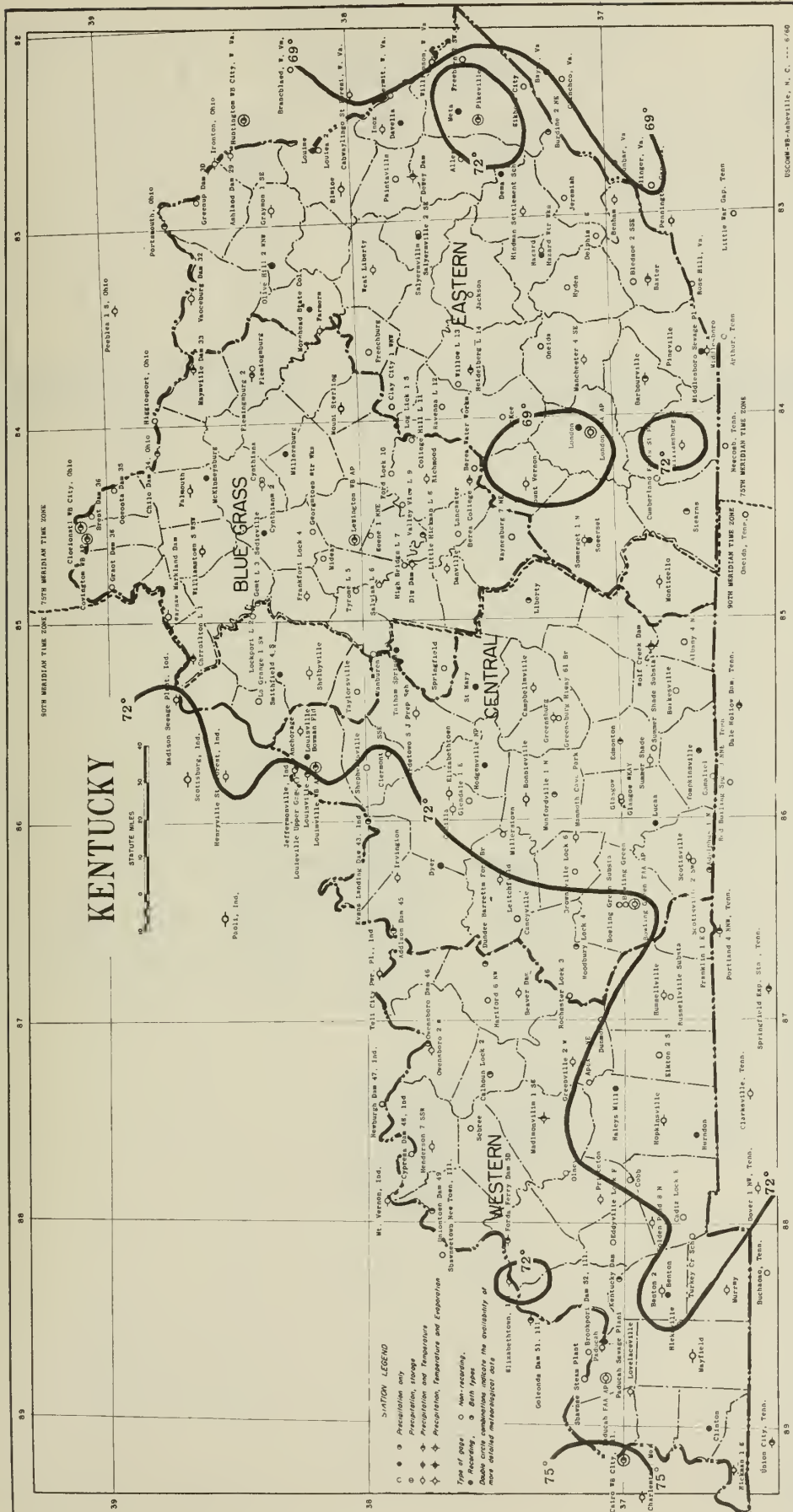
Dix Dam - Evaporation Pan is coated with aluminum paint inside and out each year before being placed in operation.

KENTUCKY
SEPTEMBER 1960



AVERAGE TEMPERATURE

KENTUCKY
SEPTEMBER 1960



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

KENTUCKY
SEPTEMBER 1960

STATION		INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL	
											(SEE INDEX)	
ADISON DAM 45	0031	BRECKINRIDGE	7	37 55	86 34	980	6A	6A				C CORPS OF ENGINEERS
ALBANY & M	0061	CLINTON	7	38 45	85 08	1000	7A					MRS. BARBARA N. COOL
ANCHORAGE	0155	JEFFERSON	7	38 16	85 33	700	7P	7P				CHARLES G. BARRETT
ASHLAND DAM 29	0254	BOYD	7	38 27	82 50	951	6P	7A				CORPS OF ENGINEERS
BARTONVILLE	0381	KNOX	2	36 52	83 53	1000	6P	6P				C UNION COLLEGE
BARTONSTOWN S J PREP SCH	0397	NELSON	8	37 48	85 28	631	5P	5P				C H ST. JOSEPH PREP. SCHOOL
BAXTER	0450	HARLAN	2	36 51	83 20	1164	7A	7A				C. HOMER MOLAN
BEAVER DAM	0490	DWID	3	37 25	86 52	441	6P	6P				H E. G. YOUNG
BENHAM	0595	HARLAN	2	37 58	82 57	1585	8A	8A				H C. C. WHITEAKER
BENTON	0611	MARSHALL	9	36 51	88 20	395						C JAMES H. MILLER
BENTON 2	0619	MARSHALL	9	36 51	88 20	305	5P	5P				C RADIO STATION WBL
BEREA COLLEGE	0619	MADISON	4	37 34	84 18	1070	6P	6P				C H JAMES A. GROSSMAN
BEREA WATER WORKS	0624	MADISON	4	37 33	84 15	1010	7A					C MRS. LAURA B. GABBARD
BLAINE 1 W	0752	LAWRENCE	1	38 02	82 52	690	8A	8A				C JOHN LEE BARTON
BONNIEVILLE	0854	HART	3	37 23	85 54	684	5P	5P				C WAYNE D. BERRY
BOWLING GREEN	0904	WARREN	3	37 00	86 26	536	7A					C JAMES R. EDWARDS
BOWLING GREEN SUBSTA	0907	WARREN	3	37 01	86 26	470	5A					C TYA-639
BOWLING GREEN FAA AP	0909	WARREN	3	36 58	86 26	538	MID	MID				H FED. AVIATION AGENCY
BRENT DAM 36	0978	CAMPBELL	7	39 03	84 25	497	7A					C CORPS OF ENGINEERS
BROWNVILLE LOCK 6	1046	EDMONSON	3	37 12	86 16	410	7A					C ELORIDGE SKAGGS
BURDINE 2 NE	1120	PIKE	1	37 13	82 35	1643	8A					C EDWIN E. JOHNSON
BURKESVILLE	1137	CUMBERLAND	2	36 47	85 22	600	7A					C MARVIN H. LEE
CADIZ LOCK E	1206	TRIGG	2	36 46	87 58	384	7A					C CORPS OF ENGINEERS
CALHOUN LOCK 2	1227	MC LEAN	5	37 32	87 16	402	7A					C CORPS OF ENGINEERS
CAMPBELLVILLE	1256	TAYLOR	3	37 20	85 21	771	6P	6P				H ALVA MC KIMLEY
CANEVILLE	1294	GRAYSON	3	37 25	86 30	600	7A					C G. V. COW SR.
CARROLLTON LOCK 1	1345	CAMPBELL	4	38 42	85 11	480	6P	7A				C CORPS OF ENGINEERS
CECILIA	1406	HARDIN	8	37 40	85 57	734	7A					C WILLIAM S. VERTREES
CLAY CITY 1 WNW	1576	POWELL	4	37 52	83 56	712	7A					C JED W. MOUNT
CLERMONT 1 SSE	1611	BULLITT	8	37 55	85 00	540	5P	5P				C BERNHEIM FOUNDATION
CLINTON	1631	HICKMAN	6	36 41	89 00	390	7A					C WOODSON D. FRANKLIN
COBB	1663	CALDWELL	2	36 59	87 47	490	7A					C MRS. BERNIE B. WHITE
COLLEGE HILL LOCK 11	1704	ESTILL	4	37 47	84 04	611	7A					C CORPS OF ENGINEERS
COVINGTON WB AIRPORT	1855	BOONE	7	39 04	84 40	859	MID	MID				C U.S. WEATHER BUREAU
CUMBERLAND FALLS ST PK	1949	WHITLEY	2	36 50	84 19	1070	5P					C KY. DEPT. OF CONSP.
CYNTHIANA	1998	HARRISON	5	38 23	84 18	684	7A					C MARSHALL HILL
CYNTHIANA 2	2003	HARRISON	5	38 23	84 17	719	8A	8A				C RY. CARDINAL DAIRY
DANVILLE	2040	BOYLE	4	37 39	84 46	955	7A	7A				C R. P. COLDIRON
DAVELLA	2053	HARTIN	1	37 48	82 52	718	6A					C MRS. EVA H. DAVIS
DELPHIA 1 E	2132	PERRY	4	37 02	83 07	1647	8A					C BALLARD F. WALKER, JR.
DEMA	2139	KNOX	1	37 25	82 48	850	7A					C HATTIE B. BARNEY
DEWEY DAM	2180	FLOYD	1	37 45	82 47	653	7A	7A				C CORPS OF ENGINEERS
DIX DAM	2214	MERCER	4	37 48	84 43	870	4P	7A				C PHILLIP G. THACKER
DUNMORE BARRETT FORD BR	2346	MUKLEMBERG	3	37 05	87 00	592	7A					C N. D. GIVENS
EDY	2391	RECKENRIDGE	3	37 43	86 13	793	7A					C LENA BLAIR
EDYVILLE LOCK F	2445	LYON	3	37 03	88 05	420	7A					C CORPS OF ENGINEERS
EDMONTON	2469	METCALFE	3	37 00	85 57	865	7A					C JOHN E. MORAN
ELIZABETHOWN	2510	HARDIN	8	37 41	85 32	735	6P	6P				C RADIO STATION WEL
ELKHORN CITY	2528	PIKE	1	37 18	82 21	800	7A					C EDMOND D. BENNETT
ELKTON 2 S	2548	TOOD	2	36 47	87 10	520	7A					C S. RICHARD ANDERSON
FALMOUTH	2775	PENNINGTON	5	38 40	84 20	560	6P	7A				C FRANK H. LAWSON
FARMERS	2791	JOHAN	6	38 09	83 33	668	4P	7A				C H MRS. C. C. STAMPER
FLEMING	2903	FLEMING	5	38 25	83 43	858	7A					C MRS. ALMYRA B. MALL
FLEMINGSBURG 2	2908	FLEMING	5	38 25	83 45	911	6P	MID				C WILLIAM H. FISCHER
FORD LOCK 10	2953	MADISON	4	37 34	84 16	660	6A					C CORPS OF ENGINEERS
FORDS PERRY DAM 50	2961	CRITTENDEN	7	37 28	88 06	356	6P	6A				C CORPS OF ENGINEERS
FRANKFORT LOCK 4	3018	FRANKLIN	4	38 14	84 52	504	6A					C CORPS OF ENGINEERS
FRANKLIN 1 E	3036	SIMPSON	3	36 43	86 34	690	7A					C MRS. KATIE D. NEAL
FREEBURN 2 W	3046	PIKE	1	37 33	82 10	730	8A					C MRS. ALTA S. GOODLIN
FRENCHBURG	3052	NIHILFE	5	37 57	87 39	864	7A					C MISS ESTHER WILSON
GAMALIEL 1 S	3112	MONROE	3	36 38	85 48	759	7A					C E. GUY DECARO
GEORGETOWN WATER WORKS	3196	SCOTT	4	38 12	84 35	888	8A					C WILLIAM F. BRAMBLETT
GEST LOCK 3	3209	HENRY	4	38 25	84 53	490	7A					C CORPS OF ENGINEERS
GLASGOW	3241	BARREN	3	37 00	85 55	760	7A					C EMILY N. BEAN
GLASGOW WEAT	3246	BARREN	3	37 00	85 55	808	6P	6P				C RADIO STATION WKAT
GLENDAL 1 E	3252	HARDIN	8	37 36	85 54	710	7A					C DENEY S. HILL
GOLDEN POND 8 N	3295	TRIGG	2	36 54	88 00	393	4P	6P				C FISH & WILDF. REFUGE
GRANT DAM 38	3358	DOONE	7	38 59	84 50	503	7A					C CORPS OF ENGINEERS
GRAYSON 1 SE	3392	CARTER	7	38 19	82 56	900	6A	6A				C ALBERT G. SHANAGHAN
GREENSBURG	3430	GREEN	3	37 15	85 30	630	7A					C DONALD PICKETT
GREENSBURG HWAY 61 BR	3435	GREEN	3	37 15	85 30	590	7A					C LYNN T. BLAKEMAN
GREENUP DAM 37	3443	GREENUP	7	38 37	82 51	538	7A					C CORP OF ENGINEERS
HALES MILL	3451	MUKLEMBERG	3	37 12	87 12	519	5P	8A				C C. R. LOVELL
HARTFORD 6 NW	3552	OHIO	3	37 32	86 54	429	8A					C CLEATUS E. BRINKLEY
HAZARD	3709	PERRY	4	37 15	83 12	869	7A					C DAVID K. CARSON
HAZARD WATER WORKS	3714	PERRY	4	37 15	83 11	880	7A					C H. A. BAILEY
HEIDELBERG LOCK 14	3741	LEE	4	37 33	83 46	663	5P	6A				C H CORPS OF ENGINEERS
HENDERSON 7 SW	3762	HENDERSON	7	37 45	87 38	382	6P	6P				C H FRANK STREET
HENDERSON	3798	CHRISTIAN	2	36 44	87 34	512	7A					C C. W. KEATTS
HICKMAN 1 E	3816	FULTON	6	36 34	89 10	362	7A					C MRS. NELL S. CALVIN
HICKSVILLE	3821	GRAVES	9	36 46	88 30	440	7A					C TYA-679
HIGH BRIDGE LOCK 7	3837	JESSAMINE	4	37 49	84 43	544	6A					C CORPS OF ENGINEERS
HINDMAN SETTLEMENT 7 SCH	3899	KNOX	4	37 20	82 59	1080	8A	8A				C HINDMAN SETTLEMENT SCH.
HODGSONVILLE NAT PARK	3929	LARUE	3	37 32	85 44	788	7A					C NATIONAL PARK SERVICE
HOPKINSVILLE	3994	CHRISTIAN	2	36 51	87 30	540	7A	7A				C H NEWELL F. SMITH
HYDEN	4093	LESLIE	4	37 10	83 23	890	7A					C MRS. FERN F. ELAM
INEZ	4134	MARTIN	1	37 52	82 32	638	6P	6P				C UNITED FUEL GAS CO.
IRVINGTON	4165	BRECKINRIDGE	3	37 53	86 17	644	7P	7P				C FLOYD G. ROBBINS
JACKSON	4196	BREATHITT	4	37 33	83 23	795	7A					C JAMES O. MALONEY
JERENIAH	4255	LETCHER	4	37 10	82 56	1150	5P					C HOBART TSON
KEENE 1 WNE	4369	JESSAMINE	4	37 57	84 38	941	7A					C HUGH W. SUFFIN
KENTUCKY DAM	4414	LIVINGSTON	9	37 01	88 16	362	5A					C TYA-379-A
LA GRANGE 1 SW	4595	OLDHAM	7	38 24	85 24	874	6A					C ALBERT V. HAROIN
LANCASTER	4620	GARRARD	4	37 37	86 18	842	8A					C KENTUCKY UTILITIES CO.
LEITCHFIELD	4703	GRAYSON	3	37 29	86 18	842	6P	8A				C CLYDE STIKELATHER
LEXINGTON WB AIRPORT	4746	FAYETTE	4	38 02	84 36	979	MID	MID				C U.S. WEATHER BUREAU
LIBERTY	4755	CASEY	3	37 21	84 55	772	7A					C PALLIA F. HANKE
LITTLE HICKMAN LOCK 8	4825	JESSAMINE	4	37 45	84 35	521	7A					C CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	HEMRY	8	38 26	84 58	485	6A					C CORPS OF ENGINEERS
LOGGICK 1 S	4882	CLARK	4	37 53	84 02	773	7A					C HUBERT BURGER
LONDON	4893	LAUREL	3	37 08	84 40	1195	7A					C KNOXVILLE FERTILIZER CO.
LOUISVILLE FAA AP	4924	JEFFERSON	1	38 05	84 40	1195	MID	MID				C H FEELI-ATION AGENCY
LOUISIA	4934	LAWRENCE	1	38 07	82 37	582	7A					C CHARLES F. BRANHAM
LOUISA 2	4946	LAWRENCE	1	38 07	82 36	585	8A					C HAPOLD C. FERGUSON
LOUISVILLE	4949	JEFFERSON	7	38 14	85 46	462	6P	6P				C LOUISVILLE G. & E. CO.
LOUISVILLE BOWMAN FLD	4951	JEFFERSON	7	38 13	85 40	558	6P	6P				C CORPS OF ENGINEERS
LOUISVILLE WB AP	4954	JEFFERSON	7	38 14	85 40	558	6P	6P				C LOUISVILLE G. & E. CO.
LOUISVILLE UPPER GAGE	4955	JEFFERSON	7	38 17	85 40	403	6A					C CORPS OF ENGINEERS
LOVELACEVILLE	4967	BALLARD	6	36 58	86 50	370	5P	5P				C BLAINE MALONE
LUCAS	5002	BARRON	3	36 53	86 02	738	7A					C WILLARD E. POSTEP
MADISONVILLE 1 SE	5007	MADISON	4	37 33	84 18	1070	6P	6P				C H. NATIONAL PARK SERVICE
MANHOTT CAVE PARK	5007	EDMONSON	3	37 11	86 05	800	5P	1P				C NORA S. WHITE
MANCHESTER 4 SE	5111	CLAY	4	37 06	83 43	850	6P	7A				C JAMES D. HUGHES
MARTIN 1 SSW	5171	FLOYD	1	37 33	82 45	655	7A					C HAVFIELD ELEC+ WTR.CO.
NAVFIELD	5230	GRAVES	6	36 48	88 39	364	7A					C CORPS OF ENGINEERS
NEARBY MASON	5243	MASON	2	38 38	83 42	515	7A					C MRS. WINNIE W. MONOR
NECK	5291	JACKSON	2	37 26	84 00	1000	8A					C RICHARD T. STONAR
NEKINNEYBURG	5301	PENDELTON	5	38 36	84 16	662	7A					C
NETA	5370	PIKE	1	37 34	82 27	730	7A					C MRS. EDITH J. SMITH
NIDDESBORO	5389	RELL	2	36 37	83 43	1130	5P	7A				C MRS. LELA H. HERRELL
NIDDESBORO SEWAGE PL	5394	RELL	2	36 38	83 43	1130	5P	7A				C CITY OF NIDDESBORO
NIDWAY	5407	WOODFORD	4	38 09	84 41		8A		</			

1-BIG SANDY; 2-CUMBERLAND; 3-GREEN; 4-KENTUCKY; 5-LICKING; 6-MISSISSIPPI; 7-OHIO; 8-SALT; 9-TENNESSEE

See Page 108 for Reference Notes

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U. S. DEPARTMENT OF COMMERCE
FREDERICK H. MUELLER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

OCTOBER 1960
Volume 55 No. 10



ASHEVILLE: 1960

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KENTUCKY - OCTOBER 1960

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 92° on the 3rd at Paradise Steam Plant

Lowest Temperature: 22° on the 25th at 4 stations

Greatest Total Precipitation: 5.56 inches at Uniontown Dam 49

Least Total Precipitation: 0.78 inch at Golden Pond 8 N

Greatest One-Day Precipitation: 2.84 inches on the 10th at Freeburn
2 SW

PREPARATION AND PUBLICATION OF THIS BULLETIN

Much of the data presented in this publication comes from observations taken by volunteer cooperative observers. These observations are mailed after the close of the month to a Weather Records Processing Center, where they are checked for accuracy and completeness and placed on punch cards. These cards are used to prepare copy for the various tables. Printing and mailing is done at the National Weather Records Center at Asheville, North Carolina.

The various steps all take time. Records for any state can not be checked by machine until nearly all of them for that state have been received. Printing can not be done until all tables and the text for an issue are completed and assembled.

Constant effort is made to speed up publication and still maintain high quality of the data. A realistic deadline for mailing the printed Climatological Data has been set as the 15th of the second following month (45 days after the end of the month for which data are published). If any recipient's copy is unduly delayed, the Director, National Weather Records Center, Asheville, North Carolina should be advised.

CLIMATOLOGICAL DATA

KENTUCKY
OCTOBER 1960

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max		Min.						Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
										90° or Above	32° or Below	32° or Below	0° or Below										
WESTERN																							
BEAVER OAM	74.3M	48.3M	61.3M		87	2	26	21	149	0	0	3	0	1.25		.42	19	.0	0		4	0	0
BENTON 2	73.0M	44.2M	58.6M		85	2	23	21	216	0	0	6	0	2.28		.84	31	.0	0		5	2	0
FOROS FERRY OAM 50	71.5	51.1	61.3		86	2	32	20	151	0	0	1	0	1.44	- 1.07	.37	20	.0	0		5	0	0
GOLDEN PONO 8 N	73.7	46.8	60.3		89	2	25	21	182	0	0	5	0	.78		.55	31	.0	0		2	1	0
GREENVILLE 2 W	73.8	47.5	60.7	1.6	89	2	26	21	166	0	0	3	0	1.28	- 1.22	.47	31	.0	0		5	0	0
HENOERSON 7 SSW	72.4	47.3	59.9	-.2	88	2	28	21	192	0	0	2	0	1.83	- 1.07	.86	19	.0	0		5	1	0
HICKMAN 1 E	74.3	46.0	60.2		88	3	27	21	176	0	0	3	0	1.84		.57	15	.0	0		7	1	0
HOPKINSVILLE	74.5	47.2	60.9	.8	90	3	31	21	164	1	0	2	0	1.44	- 1.08	.41	31	.0	0		5	0	0
LOVELACEVILLE	73.3	48.4	60.9	.1	88	2	26	21	165	0	0	3	0	3.24	.09	1.26	4	.0	0		8	1	1
MAOTSONVILLE 1 SE	73.3	47.9	60.6		86	2	28	21	166	0	0	3	0	1.64		.38	19	.0	0		7	0	0
MAYFIELD	72.4	49.7	61.1		86	2	29	21	163	0	0	3	0	2.45		1.30	5	.0	0		7	1	1
MURRAY	72.8	50.3	61.6	.7	90	2	30	21	150	1	0	2	0	2.23	-.64	.59	5	.0	0		6	2	0
OWENSBORO 2 W	73.8	48.1	61.0	1.7	88	2	29	21	165	0	0	2	0	1.72	-.78	.53	20	.0	0		5	1	0
PAOUCAH FAA AIRPORT	70.7	49.0	59.9		86	2	30	21	188	0	0	2	0	3.46		.78	19	.0	0		6	4	0
PAOUCAH	73.6	48.2	60.9		87	2	28	21	157	0	0	3	0	3.68	.93	.82	9+	.0	0		8	4	0
PARADISE STEAM PLANT	76.0	44.9	60.5		92	3	30	25+	169	1	0	3	0	1.32		.40	27				5	0	0
PRINCETON	73.2	46.3	59.8	-.3	86	2+	28	21	187	0	0	4	0	2.27	-.45	1.52	15	.0	0		4	1	1
RUSSELLVILLE	73.6M	47.2M	60.4M	1.3	88	4+	28	21	175	0	0	3	0	1.40	-.80	.54	31	.0	0		5	1	0
OIVISION			60.6	.5										1.98	-.67			.0					
CENTRAL																							
ADOLSON OAM 45	67.6	42.6	55.1		80	3	28	26+	308	0	0	5	0	1.41	-.99	.49	20	.0	0		4	0	0
ANCHORAGE	70.4	45.9	58.2	.5	83	2	27	25	218	0	0	3	0	1.92	-.62	.64	19	.0	0		5	1	0
BAROSTOWN S J PREP SCH	72.2	45.1	58.7		84	2	24	25	213	0	0	3	0	2.57		1.35	19	.0	0		4	2	1
BONNIEVILLE																							
BOWLING GREEN FAA AP	71.9	47.2	59.6	-.6	88	2	30	25+	186	0	0	3	0	1.25	- 1.09	.72	19	.0	0		3	1	0
CAMPBELLSVILLE	73.7	47.8	60.8		87	2	28	25	154	0	0	3	0	1.66		.78	19	.0	0		4	1	0
CECILIA	69.7	43.0	56.4	- 1.9	83	3	27	22+	271	0	0	5	0	2.16	-.30	1.17	20	.0	0		5	1	1
CLERMONT 1 SSE	74.7	46.5	60.6		85	12+	26	25	170	0	0	3	0	2.38		.96	19	.0	0		5	2	0
ELIZABETHTOWN	72.1	47.4	59.8		84	2	28	25	187	0	0	3	0	2.56		1.30	19	.0	0		6	1	1
GLASGOW WKAY	71.2	46.8	59.0		84	2	28	25	190	0	0	3	0	1.78		.73	19	.0	0		4	1	0
GREENSBURG	73.4	44.7	59.1	1.0	86	3	27	25	196	0	0	5	0	1.26	- 1.12	.87	20	.0	0		3	1	0
IRVINGTON	71.8	47.2	59.5	.3	84	15	27	21	187	0	0	3	0	2.13	-.28	.74	19	.0	0		6	1	0
LEITCHFIELD	71.2	49.8	60.5	1.0	85	2	32	25+	172	0	0	2	0	1.96	-.66	1.00	20	.0	0		4	1	1
LOUISVILLE	73.3	51.8	62.6		86	2	28	25	140	0	0	3	0	1.00		.48	19	.0	0		4	0	0
LOUISVILLE WB AP	68.7	46.2	57.5	- 1.1	83	2	28	25	240	0	0	4	0	1.58	-.87	.55	19	.0	0		5	1	0
MAMMOTH CAVE PARK	70.7	47.9	59.3		84	2	29	25+	196	0	0	3	0	1.57		.61	19	.0	0		3	1	0
SCOTTSVILLE	72.3	48.8	60.6		83	8	27	21	166	0	0	3	0	1.36		.59	19	.0	0		4	1	0
SUMMER SHADE	71.5M	46.2M	58.9M		84	2	28	25	205	0	0	3	0	1.60		.60	19	.0	0		5	1	0
WOLF CREEK OAM	73.2	45.5	59.4		85	3	27	25	185	0	0	2	0	2.03		1.02	20	.0	0		4	2	1
OIVISION			59.2	.2										1.79	-.64			.0					
BLUE GRASS																							
BEREA COLLEGE	72.1	46.3	59.2	.1	85	2	25	25+	186	0	0	3	0	2.79	.58	1.01	19	.0	0		6	1	1
CARROLLTON LOCK 1	70.1	47.1	58.6		82	2	28	25	205	0	0	3	0	2.48	.16	1.30	9	.0	0		5	1	1
COVINGTON WB AIRPORT	67.7	46.5	57.1	1.1	83	12	25	25	252	0	0	2	0	4.00	1.83	1.19	15	.0	0		7	4	1
CYNTHIANA 2	70.6	42.8	56.7		83	16+	22	25	259	0	0	4	0	2.26		.90	20	.0	0		6	1	0
OANVILLE	71.1	42.5	56.8		83	9+	29	26+	255	0	0	4	0	1.93	-.23	.75	9	.0	0		4	2	0
OIX OAM	72.2	49.1	60.7		83	2	29	25	158	0	0	2	0	1.57		.78	20	.0	0		3	1	0
FALMOUTH	71.5M	44.6M	58.1M		85	12	22	25	224	0	0	4	0	2.39	.20	.74	20	.0	0		7	2	0
FLEMINGSBURG 2	68.3	45.6	57.0		80	15	24	25	249	0	0	3	0	2.71		1.07	19	.0	0		6	1	1
FRANKFORT LOCK 4	71.2	44.8	58.0	-.5	85	13	28	26+	230	0	0	4	0	2.67	.49	.83	20	.0	0		6	1	0
LEXINGTON WB AIRPORT	68.7	48.6	58.7	.8	81	2	31	25	212	0	0	2	0	2.50	.06	1.30	19	.0	0		6	1	1
MAYSVILLE OAM 33	68.6	42.9	55.8	- 1.6	81	16+	26	26+	283	0	0	5	0	1.72	-.60	.78	20	.0	0		6	1	0
MOUNT STERLING	71.4	46.3	58.9		83	15+	26	25	205	0	0	3	0	2.60	.30	1.03	19	.0	0		5	2	1
RICHMOND	70.0	45.8	57.9		82	9+	28	21	230	0	0	4	0	2.49		1.20	20	.0	0		5	1	1
SHELBYVILLE	69.8	44.5	57.2	- 1.5	83	3	30	25+	248	0	0	4	0	1.97	-.45	.81	20	.0	0		4	2	0
WARSAW MARKLANO OAM	69.6	46.9	58.3	.1	82	12+	30	22	214	0	0	3	0	2.18	-.09	.50	8	.0	0		6	1	0
WILLIAMSTOWN 5 WSW	69.2	43.5	56.4	- 2.5	82	16+	27	25	279	0	0	4	0	2.04	-.26	.63	20	.0	0		5	2	0
OIVISION			57.8	-.7										2.39	.12			.0					
EASTERN																							
ASHLAND OAM 29	70.5M	47.1M	58.8M	-.1	83	13+	26	25	198	0	0	4	0	1.78	-.08	1.09	20	.0	0		4	1	1
BARBOURVILLE	72.5M	48.7M	60.6M		80	14+	26	25	164	0	0	3	0	3.16		.77	20	.0	0		10	1	0
BAXTER	71.6	47.5	59.6		81	13+	27	25	193	0	0	5	0	2.78		1.26	20	.0	0		8	1	1
BENHAM	71.2	45.9	58.6		81	13+	25	25	211	0	0	3	0	2.57		1.07	20	.0	0		6	2	1
BLAINE 1 W	71.3M	37.9M	54.6M		85	13	24	22	318	0	0	4	0	2.90		1.31	9	.0	0		5	2	2
OEWEY OAM	71.5	46.9	59.2		83	16+	28	26+	198	0	0	4	0	3.50		1.17	9	.0	0		5	3	1
FARMERS	72.0	44.5	58.3	1.3	83	15+	22	25	211	0	0	4	0	3.57	1.37	.90	9	.0	0		9	3	0
GRAYSON 1 SE	69.3	42.7	56.0		83	14	23	25	276	0	0	5	0	2.93		1.04	20	.0	0		8	1	1
HEIDELBERG LOCK 14	73.5	46.6	60.1		84	2	24	25	171	0	0	3	0	3.03	1.01	1.03	20	.0	0		5	3	1
HINOMAN			M				28	22		0	0	4	0	2.44		.90	20	.0	0		6	1	0
INEZ	72.1	45.9	59.0		85	2	29	22+	190	0	0												

CLIMATOLOGICAL DATA

KENTUCKY
OCTOBER 1960

CONTINUED

Station	Temperature													Precipitation										
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days			
										Max.		Min.						Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More	
										40° or Above	32° or Below	32° or Below	0° or Below											
MOUNT VERNON	72.4	50.2	61.3		85	2	30	25	159	0	0	1	0	3.00	.96	.66	20	.0	0		10	1	0	
PIKEVILLE	71.3	46.3	58.8		83	2	24	25	202	0	0	3	0	2.83		.96	19	.0	0		7	2	0	
SOMERSET 1 N	68.6	46.0	57.3		80	2	27	25	242	0	0	3	0	1.56	.72	1.04	20	.0	0		3	1	1	
VANCEBURG DAM 32	70.4	42.8	56.6		82	14	22	25	260	0	0	5	0	3.86		1.21	9	.0	0		8	2	2	
WEST LIBERTY																								
WILLIAMSBURG 2	74.0	47.6	60.8	1.7	86	3	28	26+	172	0	0	5	0	3.41	1.26	1.08	20	.0	0		7	1	1	
DIVISION			58.9	.6										2.89	.67			.0						

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Midnight CST	6:00 a CST	Noon CST	6:00 P CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
COVINGTON WB AIRPORT	SSW	13	6.8	40	WNW	15	76	83	54	65	5	3	3	3	1	0	15	-	6.3
LEXINGTON WB AIRPORT	S	12	7.2	-	-	-	82	89	59	70	5	2	5	0	1	0	13	-	6.1
LOUISVILLE WB AIRPORT	N	10	4.5	23	S	31	87	92	62	69	5	5	4	1	0	0	15	47	6.4

See Reference Notes Following Station Index

DAILY PRECIPITATION

KENTUCKY
OCTOBER 1960

Station	Total	Day of Month																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
ADDISON DAN 45	1.41				.02				.01	T						.40	T			T	.49								.19		.04	.32	*		
ALBANY A N	1.81									.19											1.22								.13		.05	.07	*		
ANCHORAGE	1.92		.03	.07		.01	.11	.09		.34	.02									.64							.28					.41	*		
ASHLAND DAN 29	1.78			.07		T		.14	.13	.05	.17	.04								T	1.09			T				.05	.04		T	*			
BARBOURVILLE	3.16			.24			.10	.28	.09	.18	.24	.09								.28	.77							.45	.10	.02	.32	*			
BARDSTOWN S J PREP SCH	2.57		.06			.04	.05		.12	.06										1.35							.05	.57			.27	*			
BAXTER	2.78				.15	.20		.19	T	.18	.33						.01				1.26							.14	.32			.27	*		
BEAVER DAM	1.25					.09	.27	T	.15	.03										.42								.34		.02	.29	*			
BENHAM	2.57								.08	.16	.04									.50	1.07	T		.03				.16	.25	T		.84	*		
BENTON 2	2.28			.55	.38															.32							.11						*		
BEREA COLLEGE	2.79					.03	.05		.38	.41										1.01	.12								.39			.40	*		
BEREA WATER WORKS	2.78					.16						.67									1.11								.41	.06	.02	.05	*		
BLAINE 1 W	2.90					.11				1.31											1.05								.20			.23	*		
BONNIEVILLE	1.17	RECORD MISSING																			.57								.21			.12	*		
BOWLING GREEN	1.17		T				.04			T																							*		
BOWLING GREEN SUBSTA	1.40																																*		
BOWLING GREEN FAA AP	1.25		T	T			T			.03	.01										.72	T							.28		.02	.12	.31	*	
BRENT DAM 36	3.30		.19				.50		.73	.78							.08	T			.03	.60			.01	T			.16	.10	.01	.12	.33	*	
BROWNSVILLE LOCK 6	1.60						.17														.47								.16				.13	*	
BURDINE 2 NE	2.83					.37	.17					.83									T	.47								*			.36	*	
BURKESVILLE	2.92	RECORD MISSING			1.10	.60	.03	.02		.10																							*	*	
CADIZ LOCK E	1.71		.03		.06		.02		.11	.20							.08				.07	.28							.06		.18	.40	*		
CALHOUN LOCK 2	1.71																				.03	.45							.24		.09	.49	*		
CAMPBELLSVILLE	1.66		T	.01			T	.03		T	.11										.78	.02							.34	T		.01	.36	*	
CANEYVILLE	2.04						.12			.34											.08	.89							.29				.32	*	
CARROLLTON LOCK 1	2.48		.06		.02	.12		T	.22	1.30	.03										.04	.49								.12		.01	.07	*	
CECILIA	2.16		.05		.06	.16			.19	.02											.01	1.17							.21		.01	.28	*		
CLAY CITY 1 WNW	2.67		.05				T		.37	.02		.61									2.67	.10							.45				.08	*	
CLERMONT 1 SSE	2.38			T		.03	T	.06		.12	.78										.96	T								.11		.07	.25	*	
COBB	.99					.20																.35								.07		.12	.25	*	
COLLEGE HILL LOCK 11	2.98		.02		.03		.06			.31	1.05										.99									.35	.11	T	.06	*	
COVINGTON WB AIRPORT R	4.00		.35	T		.57	T		.83	.01							1.19	.03			.63							.10	.04	T	T	.25	*		
CUMBERLAND FALLS ST PK	3.86			1.30		.05	.11		.02	.34	.25										.05	.65							.51	.25	.04	.49	*		
CYNTHIANA	2.22	.08	.08				.04	T		.11	.12	.20									.95								.36	.05		.23	*		
CYNTHIANA 2	2.26					.04			.10	.17	.34										.05	.90							.39	.03		.20	*		
DANVILLE	1.93		.04				T			.75	.11											.70								.29			.04	*	
DELPHIA 1 E	1.66						.26	.05													1.20									.15				*	
DEWEY DAM	3.50							.25														.89	T							.11				*	
DIX DAM	1.57		.03	.07		.05				1.17	.87																				.09		.05	*	
DUNDEE BARRETT'S FORD BR	1.83							.08		.12	.02										.01	.78								.37		.02	.08	*	
DUMMOR	2.39									.58											.07	.55								.20			.43	*	
EDDYVILLE LOCK F	1.40		.03		.35	.12	T	T		.92											.51	.30								.11		.04	.50	*	
EDMONTON	1.77				.30					.32							.02				.12	.22								.09		.18	.32	*	
ELIZABETHTOWN	2.56		T	.03	.05	.15	.19	.22	.30	.30	.90											.70								.15			.30	*	
ELKHORN CITY	4.88																			.12	1.30	1.20					.20	T	.24			.30	*		
ELKTON 2 S	1.56				.08	T	.09	T	T	.11												.25								.05		.19	.49	*	
FALMOUTH	2.39		.10			.09			.14	.05	T							.09	T		.14	.74								.23	.61	T	.20	*	
FARMERS	3.57		.10		.02		.22	.13	.90	.55												.30									.10		.37	*	
FLEMINGSBURG	2.74						.45		.31	.14	.23											1.16								.20	.10		.13	*	
FLEMINGSBURG 2	2.71		.04			.36	T		.37	.24											T												.31	*	
FORD LOCK 10	2.39		.04		.03	.03	T		.01	.09	.56											.96								.19	.41		.08	*	
FORDS FERRY DAN 50	1.44		T		.01	.09	.06										.08	T			.20	.37							.01	.15		.19	.30	*	
FRANKFORT LOCK 4	2.67		.27		T	.33	T	.02	.41												.06	.83								.40	.27	T	.08	*	
FRANKLIN 1 E	1.51							.01	.43																									.42	*
FREEBURN 2 SW	4.88				.02	.11	.03		.15	2.84										.05		.92	.06						.05	.45	.14		.06	*	
FRENCHBURG	1.99		.05		.01	.14	.03	.06	.05	.01												1.03								.30	.23		.08	*	
GAMALIEL 1 S	3.65		T																																

DAILY PRECIPITATION

KENTUCKY
OCTOBER 1960

Continued

Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ONEONTA OAM 35	2.47			.12														T	T	T		.01	.58										
OWENSBORO 2 W	1.72									.39	.78																		.30	.15		.10	
OWENSBORO OAM 46	2.12			.02	.08				T	.09		.26					.15					.35	.53						.05		.12	.35	
PAUCAN FAA AIRPORT	3.46	T			.75	.54			T	.63	T					.05						.04	.69						.04		.08	.48	
PAUCAN	3.68				.52	.82			T	T	.82						.28				T	.78							.27	.05	.07	.29	
PAINTSVILLE	2.74											1.22										.80							.12		.11	.09	
PARADISE STEAM PLANT	1.32							.09	.20		.04	.10										.10	.26						.40		.04	.38	
PIKEVILLE	3.00		.15		.01	T	.09	.20		T	.15	.28							.48	.29		.03	.66			.11			.41		.14	.05	
PINEVILLE	3.52					.24	.03	.31	.35	.14	.30		.31	T					.19				.09	.03					.17	.39	T	.14	
PRINCETON	2.27					.17											1.52												.10			.45	
RAVENNA LOCK 12	2.95	.06						.08			T		.78									1.45							.26		.32	.05	
RICHMOND	2.49				.02	.03		.36			T	.13	.28						.02				1.20						.36		.01	.03	
ROCHESTER LOCK 3	1.07					T					.03											.04	.49						.11		T	.05	
RUSSELLVILLE	1.40						.02				.15											.10	.34						.04		.21	.54	
RUSSELLVILLE SUBSTA	1.47	T				.06					.11											.42	.08						.04	.02	.22	.52	
SALVISA LOCK 6	1.84		.11			.01	T			.02	T										T	1.23							.34	.08		.05	
SALYERSVILLE 2 SE	2.26		.04			.01			.59		.21											1.05							.21	.15		.24	
SCOTTSVILLE	1.36					.01	.17			.07	.21						.20					.59	.05					.04		.05		.45	
SCOTTSVILLE 2 SW	1.33					.03	.10			T	.05											.57										.45	
SEBREE	1.20					.40	.50															.30	T									T	
SHAWNEE STEAM PLANT	4.15	.10				.56	.15	T		.09	1.93	T				.35	T				.21	.41							T	.11		.13	
SHELBYVILLE	1.97	.10					T			T	.78											.03	.81							.17	.07	.01	
SHEPHERDSVILLE	3.00	.03				.15				.15	1.20											.98								.14		.05	.30
SOMERSET 1 N	2.83		.18		.01	.27	.07			.17												.96	.20						.21	.05	.03	.68	
SPRINGFIELD	1.44																					.80							.37			.27	
STEARNS	2.84					.44		.12	.10		.14	.42					.20					.68								.64	.10		
SUMMER SHADE	1.60			.25						T	.21											.60	.05							T		.16	.31
SUMMER SHADE SUBSTA	1.62		.06			.14	.02	.12		T	.18											.74								.18		.06	.24
TAYLORSVILLE	1.74		.09			.02	.10	T			.31	T										.10	.80							.30		.02	.42
TURKEY CREEK SCHOOL	3.83					1.58	.22	.01		.04	.21	.01					.03	.46				.16	.18							.04		.16	.73
TYRONE LOCK 5	2.56		.05			T	.03	T	.08	.33	.03											T	1.31							.57	.07		.09
UNIONTOWN OAM 49	5.56		.06			T	.08		.03	.05	2.30						.01	1.82				.16	.68							T	.03		.27
VALLEY VIEW LOCK 9	2.75		.03			T				.26	.76											T	.99								.48		.12
VANBUREN	2.76						.10			.38												.02	1.11							.38		.77	
VANCEBURG OAM 32	1.56		.07				.09		.05	.10	T																			.14	.03		.02
WARSAW MARKLAND OAM	2.18	.18	T			.15	T	.50	.46	T							.25				T	.48								.08	T	.08	.05
WAYNESBURG 7 NE	1.99	.03			.19	.09			.09	.84																				.58	T		.17
WEST LIBERTY	3.86	.02				.26	.34			1.21	.45	.03										1.14								.13	.26		.10
WILLIAMSBURG 2	3.41				.41	.48	.08	.05	.39	.23								.04				1.08							.38	.27			
WILLIAMSTOWN 5 WSW	2.04		.06	.10	T		.09		.56	.07	T							.06				.09	.63							T	.22	T	.13
WILLOW LOCK 13	3.39				.01	.19				.07	.72											1.02								.41	.89		.02
WOLF CREEK OAM	2.03				.51	T		.10		.03	.08											1.02								.19		.03	.07
WOODBURY LOCK 4	1.88				.31	.05				.03	.02						.13					.03	.82							.14		.05	.30

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent value published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 8:00 a.m., C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Table", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., EST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history changes in locations, elevations, exposure, etc., of sub-stations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

DAILY TEMPERATURES

KENTUCKY
OCTOBER 1960

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AODISON OAM 45	MAX MIN	72 48	70 48	80 54	68 49	72 49	72 52	70 48	72 52	75 48	66 54	76 46	78 44	78 46	78 46	78 56	64 38	66 38	66 33	48 28	53 28	48 28	54 28	64 28	70 40	64 28	63 38	62 40	56 38	54 38	62 40	70 44	67.6 42.6
ANCHORAGE	MAX MIN	72 45	83 52	78 52	75 51	76 49	76 61	76 43	68 54	76 59	78 55	81 46	82 46	80 46	80 51	82 54	67 39	72 41	71 41	57 49	55 35	56 28	64 31	67 52	56 34	62 27	68 42	58 44	62 46	66 39	72 49	66 48	70.4 45.9
ASHLAND OAM 29	MAX MIN	68 47	83 48	72 50	71 50	78 46	71 63	73 49	77 54	71 60	75 48	80 58	83 58	81 52	82 52	71 57	75 53	73 42	68 48	54 41	55 30	63 32	71 45	63 40	56 26	64 31	58 51	60 51	63 47	72 43	70.5 47.1		
BARBOURVILLE	MAX MIN	79 51	78 54	78 58	80 53	76 60	75 60	78 58	80 58	78 58	77 63	80 53	80 49	77 49	80 52	78 62	72 58	74 45	70 45	64 30	58 37	66 41	70 30	68 34	64 26	68 34	65 49	61 46	61 46	75 46	65 52	72.5 48.7	
BAROSTOWN S J PREP SCH	MAX MIN	75 45	84 55	81 52	75 48	75 47	77 59	81 45	76 56	76 58	78 54	80 46	82 42	81 45	82 57	71 54	73 38	74 36	60 48	56 35	57 25	66 28	71 53	64 36	64 24	69 43	59 48	60 39	65 43	74 48	70 45	72.2 45.1	
BAXTER	MAX MIN	78 54	77 55	81 56	80 55	75 55	79 59	75 60	77 61	74 71	75 61	77 54	79 49	81 49	80 50	78 53	76 56	73 45	75 45	69 48	53 33	60 32	64 32	65 37	61 27	63 28	62 32	55 45	61 41	67 43	72 46	71.6 47.5	
BEAVER OAM	MAX MIN	77 46	87 59	78 56	80 51	77 47	76 60	78 53	83 58	76 61	79 54	81 48	82 45	80 52	82 56	71 41	73 37	75 37	67 50	55 35	58 26	68 29	68 29	68 29	68 29	68 29	68 29	68 29	68 29	68 29	74.3 48.3		
BENHAM	MAX MIN	78 56	81 52	81 52	81 51	76 48	80 49	73 54	79 59	77 60	75 60	76 47	77 44	81 45	80 49	78 51	75 47	72 43	72 53	72 47	76 45	56 29	60 35	53 38	59 39	57 25	65 30	62 36	55 45	63 43	65 41	73 45	71.2 45.9
BENTON 2	MAX MIN	75 38	85 58	83 58	77 53	73 57	75 54	78 52	80 55	72 58	79 52	80 46	80 43	80 43	80 59	78 42	75 40	77 39	68 44	51 30	55 23	78 28	66 34	66 34	75 31	63 52	64 50	64 30	65 35	74 35	63 44	73.0 44.2	
BEREA COLLEGE	MAX MIN	72 46	85 53	78 52	72 48	79 47	75 60	78 46	84 72	74 59	74 58	78 46	80 46	81 47	80 52	75 40	71 37	71 25	75 40	65 37	55 25	63 28	70 50	60 37	62 25	70 48	65 39	60 39	62 48	73 48	69 48	72.1 46.3	
BLAINE 1 W	MAX MIN	80 42	70 42	82 42	73 42	75 41	80 42	79 42	78 42	78 42	73 42	80 42	84 40	85 41	84 42	80 42	80 42	80 42	80 42	80 42	80 42	80 42	80 42	80 42	80 42	80 42	80 42	80 42	80 42	80 42	80 42	71.3 37.9	
BONNIEVILLE	MAX MIN	77 50	88 60	74 58	79 54	74 57	75 60	75 54	80 61	71 58	80 55	80 51	83 45	80 49	80 58	71 48	74 43	76 38	66 45	55 36	59 30	65 48	75 35	62 48	62 35	67 30	64 49	62 41	55 34	66 52	74 47	71.9 47.2	
BOWLING GREEN FAA AP	MAX MIN	77 50	88 60	74 58	79 54	74 57	75 60	75 54	80 61	71 58	80 55	80 51	83 45	80 49	80 58	78 48	71 43	74 38	76 38	66 45	55 36	59 30	65 48	75 35	62 30	67 49	67 41	66 34	68 52	74 47	65 47	71.9 47.2	
CAMPBELLVILLE	MAX MIN	80 53	87 49	85 56	79 52	76 63	75 63	79 51	80 59	74 63	79 56	81 46	83 46	81 49	82 57	78 58	72 43	73 38	76 48	56 39	59 30	65 30	72 53	67 40	66 28	68 45	63 52	60 37	69 52	75 47	71 52	73.7 47.8	
CARROLLTON LOCK 1	MAX MIN	70 44	82 53	79 50	72 54	77 43	75 64	72 47	72 54	73 60	76 57	79 46	81 47	80 52	78 48	80 56	72 41	72 41	68 51	55 38	56 30	63 31	70 55	59 38	67 28	69 42	59 44	60 50	63 43	69 47	68 50	70.1 47.1	
CECILIA	MAX MIN	77 45	77 46	83 56	77 50	73 49	74 52	73 49	76 56	78 56	75 53	75 44	78 44	78 44	78 48	80 44	67 37	70 37	54 40	50 38	50 27	53 27	62 32	69 37	53 27	60 30	64 34	56 38	71 38	70 40	69.7 43.0		
CLERMONT 1 SSE	MAX MIN	79 45	85 53	85 53	74 49	78 48	79 62	80 44	80 55	82 58	79 45	85 45	84 45	83 48	81 58	73 57	73 41	73 40	75 50	57 38	58 27	66 30	70 54	70 38	64 26	68 42	65 47	63 41	68 50	74 49	74 50	74.7 46.5	
COVINGTON W8 AIRPORT	MAX MIN	70 43	79 55	61 47	72 50	79 49	73 56	71 46	66 52	74 57	76 51	80 47	83 51	82 53	80 56	80 53	67 43	70 47	66 45	57 37	51 29	63 34	64 50	51 35	59 25	67 46	55 45	59 50	61 41	67 49	61 45	67.7 46.5	
CYNTHIANA 2	MAX MIN	80 46	72 51	82 51	76 54	76 41	81 50	78 41	75 58	80 57	73 53	80 43	82 43	83 43	80 52	83 40	68 37	73 37	72 43	55 39	53 26	56 25	64 33	69 33	53 22	60 24	70 50	58 49	60 41	53 41	69 48	70.6 42.8	
OANVILLE	MAX MIN	80 44	73 45	83 52	69 48	73 46	80 46	74 44	77 52	83 52	73 55	76 44	80 44	81 44	81 45	64 45	72 45	74 38	62 30	55 34	55 30	65 30	65 34	65 34	57 29	62 29	68 50	61 46	61 41	62 49	74 51	71.1 42.5	
OEWEY OAM	MAX MIN	79 51	71 51	83 53	74 51	74 48	80 57	74 57	75 57	80 58	74 61	76 53	79 51	81 52	83 54	78 49	76 45	75 45	71 44	62 45	55 30	57 45	69 36	67 34	67 34	55 28	60 28	65 36	56 48	59 48	69 43	74 48	71.5 46.9
OIX OAM	MAX MIN	75 48	83 56	80 56	73 53	78 60	75 63	76 49	82 53	78 62	76 50	80 48	81 49	82 54	79 49	78 55	71 47	74 43	73 40	55 35	55 30	65 35	69 54	65 40	61 29	70 44	67 51	61 46	70 43	71 43	72.2 49.1		
ELIZABETHTOWN	MAX MIN	75 48	84 53	82 55	76 52	73 50	75 63	75 58	79 58	78 62	77 44	80 45	81 45	80 46	79 46	72 52	74 40	69 48	56 37	55 29	65 31	71 54	62 38	63 28	65 43	63 43	59 41	67 38	72 51	70 49	72.1 47.4		
FALMOUTH	MAX MIN	72 42	82 48	75 47	75 50	80 41	78 62	75 41	76 52	76 61	79 53	82 42	85 43	83 45	82 48	61 53	57 40	57 40	68 50	55 37	57 26	64 28	70 50	55 31	61 22	72 35	65 49	60 48	71 47	71 43	70.1 44.6		
FARMERS	MAX MIN	69 42	83 48	79 56	75 51	80 42	76 53	76 49	80 53	76 59	77 46	80 45	82 45	80 45	83 45	72 45	74 45	68 45	55 27	56 27	65 27	70 41	61 37	60 22	73 44	63 44	58 48	61 48	73 48	68 50	72.0 44.5		
FLEMINGSBURG 2	MAX MIN	68 44	79 50	67 50	72 52	78 61	75 61	72 49	73 54	73 59	74 56	77 47	79 47	78 53	80 52	68 49	70 45	71 39	63 39	53 26	54 26	62 29	68 47	50 34	62 34	68 24	50 34	54 34	58 40	59 44	68 44	68.3 45.6	
FORDS FERRY OAM 50	MAX MIN	77 49	86 65	77 58	78 58	74 62	68 59	72 52	79 59	74 62	78 55	81 54	80 51	78 53	72 60	75 47	67 50	52 32	56 33	62 37	68 37	69 53	69 46	72 37	62 53	62 46	62 42	64 43	70 53	64 46	71.5 51.1		
FRANKFORT LOCK 4	MAX MIN	78 46	70 46	83 54	70 52	75 47	77 47	75 46	75 47	80 56	73 58	81 48</																					

DAILY TEMPERATURES

KENTUCKY
OCTOBER 1960

Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
INEZ	MAX MIN	73 50	85 49	74 56	70 51	73 50	71 51	82 47	80 48	74 59	79 47	81 48	83 48	83 49	82 52	83 55	76 56	75 58	76 41	69 44	65 43	58 29	64 29	66 41	70 39	60 32	66 33	62 50	57 46	62 47	70 42	66 47	72.1 45.9
IRVINGTON	MAX MIN	76 46	82 58	76 55	77 51	80 55	77 61	74 47	81 57	68 59	77 50	82 46	83 46	82 48	79 53	84 60	71 58	73 40	75 39	65 52	55 36	58 27	67 31	72 52	60 39	65 29	66 51	59 42	59 38	65 40	73 51	66 46	71.8 47.2
LEITCHFIELD	MAX MIN	75 49	85 58	77 58	78 53	75 58	84 61	75 51	80 57	69 61	77 56	79 51	81 50	79 54	82 55	81 63	68 58	73 47	73 44	63 53	55 38	56 32	65 35	70 52	61 43	65 32	63 52	60 47	56 37	64 40	72 53	66 46	71.2 49.8
LEXINGTON W8 AIRPORT	MAX MIN	70 47	81 57	68 54	75 53	76 53	75 59	72 47	80 58	71 62	76 56	78 50	80 51	80 52	79 56	80 59	67 52	70 46	71 45	56 47	53 35	54 32	64 36	68 47	53 37	58 31	70 47	58 49	59 48	57 42	70 50	61 48	68.7 48.6
LONDON FAA AIRPORT	MAX MIN	73 52	82 51	78 53	75 51	77 47	73 58	73 58	79 57	71 62	75 54	76 51	77 45	78 45	76 53	77 56	75 54	71 44	72 38	68 46	54 34	56 29	64 27	68 42	56 31	60 26	68 36	59 49	59 43	65 42	72 49	61 45	70.0 46.1
LOUISVILLE	MAX MIN	75 50	86 41	83 65	77 56	77 55	78 61	77 46	78 56	74 57	80 50	84 45	85 47	83 49	84 56	84 56	74 49	75 38	72 42	69 45	62 32	65 29	66 31	66 51	60 33	67 28	67 46	59 45	61 39	66 51	73 60	73.3 51.8	
LOUISVILLE W8 AP	MAX MIN	71 45	83 59	69 55	73 52	74 51	76 55	75 46	76 56	69 57	77 50	80 45	80 47	78 49	78 54	79 56	65 49	70 38	68 42	57 45	53 32	55 29	64 32	66 51	55 33	60 28	67 46	55 45	59 47	63 50	70 58	64 48	68.7 46.2
LOVELACEVILLE	MAX MIN	82 43	88 62	80 60	80 58	73 61	76 60	80 54	81 60	73 62	71 55	81 49	80 46	80 49	79 55	80 59	75 59	74 41	78 41	80 50	80 30	80 26	69 30	74 49	67 36	75 36	65 55	65 40	65 35	67 39	68 54	64 45	73.3 48.4
MAOISONVILLE 1 SE	MAX MIN	78 47	86 59	85 54	80 53	74 55	76 59	77 46	82 56	75 57	80 50	81 45	82 47	80 49	82 54	82 56	72 49	73 38	77 42	69 45	54 32	59 29	68 32	71 55	67 39	70 28	64 46	61 53	59 45	65 51	73 60	69 47	73.3 47.9
MAMMOTH CAVE PARK	MAX MIN	73 49	84 56	79 56	75 52	70 57	81 61	73 50	80 60	73 63	71 52	78 49	80 54	77 49	78 54	78 57	73 49	70 44	72 38	65 57	55 37	55 29	65 30	72 52	65 40	65 29	65 48	60 50	55 45	64 51	69 58	70.7 47.9	
MANCHESTER 4 SE	MAX MIN	85 56	82 51	80 53	81 56	80 51	76 61	76 50	82 58	77 61	80 59	80 54	82 47	82 48	80 51	82 56	77 57	75 49	70 43	64 30	66 43	70 30	66 41	64 37	65 41	64 37	62 24	64 33	63 49	65 47	74 42	69 51	74.1 48.2
MAYFIELD	MAX MIN	77 45	86 64	81 58	80 58	75 62	70 60	71 51	80 62	72 60	77 61	80 51	79 49	78 50	81 58	81 61	76 59	74 45	78 43	66 51	53 29	58 32	64 31	75 50	68 40	74 30	65 58	66 43	65 39	66 54	68 63	72.4 49.7	
MAYSVILLE OAM 33	MAX MIN	76 41	68 46	80 46	66 46	71 46	78 46	76 42	72 46	74 46	75 56	75 44	79 44	79 46	81 52	81 52	68 46	72 41	69 55	55 41	51 29	63 29	68 36	52 29	55 40	72 26	65 43	60 40	56 36	62 43	69 51	68.6 42.9	
MIDDLESBORO	MAX MIN	78 53	81 53	84 57	77 55	78 53	76 61	76 62	76 62	75 63	78 61	78 54	81 50	79 48	80 52	77 58	77 56	76 45	75 43	68 51	63 29	58 32	65 31	68 41	65 40	66 26	60 33	57 47	62 46	67 39	73 45	68 51	72.3 48.9
MONTICELLO	MAX MIN	75 48	83 55	80 57	78 54	78 53	76 63	74 58	80 55	76 60	71 60	77 50	80 46	80 48	79 50	79 57	72 55	74 47	72 41	69 47	58 28	59 28	65 48	70 48	65 41	64 27	69 41	65 38	54 41	67 37	73 50	65 47	72.0 47.9
MOUNT STERLING	MAX MIN	71 44	83 50	78 51	74 51	68 47	75 60	75 46	82 63	75 60	75 57	81 47	82 48	82 49	80 54	83 53	77 54	73 45	75 42	69 47	53 38	56 28	64 31	68 48	63 35	59 26	72 38	64 43	60 47	57 40	70 44	69 50	71.4 46.3
MOUNT VERNON	MAX MIN	79 45	90 63	83 60	77 58	71 62	70 60	72 56	79 60	69 59	78 55	81 53	80 50	80 52	81 59	80 62	76 60	76 46	77 43	64 51	55 31	60 30	69 34	71 53	67 41	75 38	64 58	67 48	65 37	68 54	69 42	64 42	72.8 50.3
MURRAY	MAX MIN	79 45	90 63	83 60	77 58	71 62	70 60	72 56	79 60	69 59	78 55	81 53	80 50	80 52	81 59	80 62	76 60	76 46	77 43	64 51	55 31	60 30	69 34	71 53	67 41	75 38	64 58	67 48	65 37	68 54	69 42	64 42	72.8 50.3
OWENSBORO 2 W	MAX MIN	82 48	88 62	78 57	83 54	77 56	76 59	78 54	81 56	79 59	83 50	85 46	86 46	83 48	80 52	81 60	74 52	76 39	63 41	57 33	57 29	69 31	72 53	64 43	70 35	63 35	63 43	55 37	66 41	73 43	68 46	73.8 48.1	
PADUCAH FAA AIRPORT	MAX MIN	79 42	86 66	77 58	80 58	72 58	73 57	71 55	81 62	72 57	75 62	78 52	77 49	77 51	77 60	77 60	72 52	72 46	75 46	60 41	51 32	57 30	66 36	72 48	63 41	71 37	62 53	62 40	62 36	65 40	67 54	63 49	70.7 49.0
PADUCAH	MAX MIN	80 46	87 61	80 56	79 57	75 60	72 57	82 56	81 51	82 58	80 54	80 50	82 48	80 50	82 57	82 57	77 58	72 44	58 51	55 41	59 31	69 28	74 38	67 49	65 41	65 55	65 40	65 38	65 41	68 43	68 46	73.6 48.2	
PARADISE STEAM PLANT	MAX MIN	81 47	80 48	92 48	82 49	83 50	79 50	79 52	89 59	79 59	73 53	83 48	84 45	86 51	84 56	83 58	84 50	75 42	78 38	80 58	59 46	58 36	63 30	70 35	78 43	65 30	72 36	66 46	68 38	59 46	76 66	76 44	76.0 44.9
PIKEVILLE	MAX MIN	77 58	85 53	80 58	76 54	81 54	71 62	80 61	77 61	72 62	79 62	81 53	82 58	83 51	81 55	82 58	75 52	76 45	77 41	68 45	58 34	57 35	67 41	71 42	59 43	63 30	66 33	58 40	62 34	59 38	77 45	64 50	72.4 50.2
PRINCETON	MAX MIN	86 46	86 59	80 56	78 57	76 58	72 56	74 53	80 58	84 59	70 52	80 49	84 45	84 45	82 51	82 61	74 49	79 42	60 32	62 32	62 28	73 30	68 56	73 34	67 52	60 40	65 34	69 38	65 34	72 38	68 45	73.2 46.3	
RICHMOND	MAX MIN	75 47	71 52	82 54	69 51	72 50	78 53	74 48	75 50	82 56	72 59	74 48	79 48	80 50	80 53	79 55	81 54	65 50	71 41	74 42	57 28	52 30	64 38	70 38	53 29	60 30	69 30	69 40	58 40	60 41	69 51	70.0 45.8	
RUSSELLVILLE	MAX MIN	78 45	88 56	76 58	88 53	78 56	74 59	84 53	70 62	83 63	79 46	81 43	80 43	81 52	80 58	79 58	75 49	78 41	65 38	55 33	58 28	68 29	76 51	64 40	70 29	66 47	65 48	64 34	68 52	74 45	68 47	73.6 47.2	
SCOTTSVILLE	MAX MIN	75 54	75 58	74 60	80 64	73 57	76 63	78 60	83 56	73 60	79 56	80 46	82 46	81 50	82 51	78 56	72 58	74 44	76 37	66 49	56 39	59 27	66 30	72 53	64 41	69 29	65 46	68 53	56 34	68 53	75 47	68 47	72.3 48.8
SHELBYVILLE	MAX MIN	77 45	70 45	83 53	68 51	75 51	76 51																										

EVAPORATION AND WIND

KENTUCKY
OCTOBER 1960

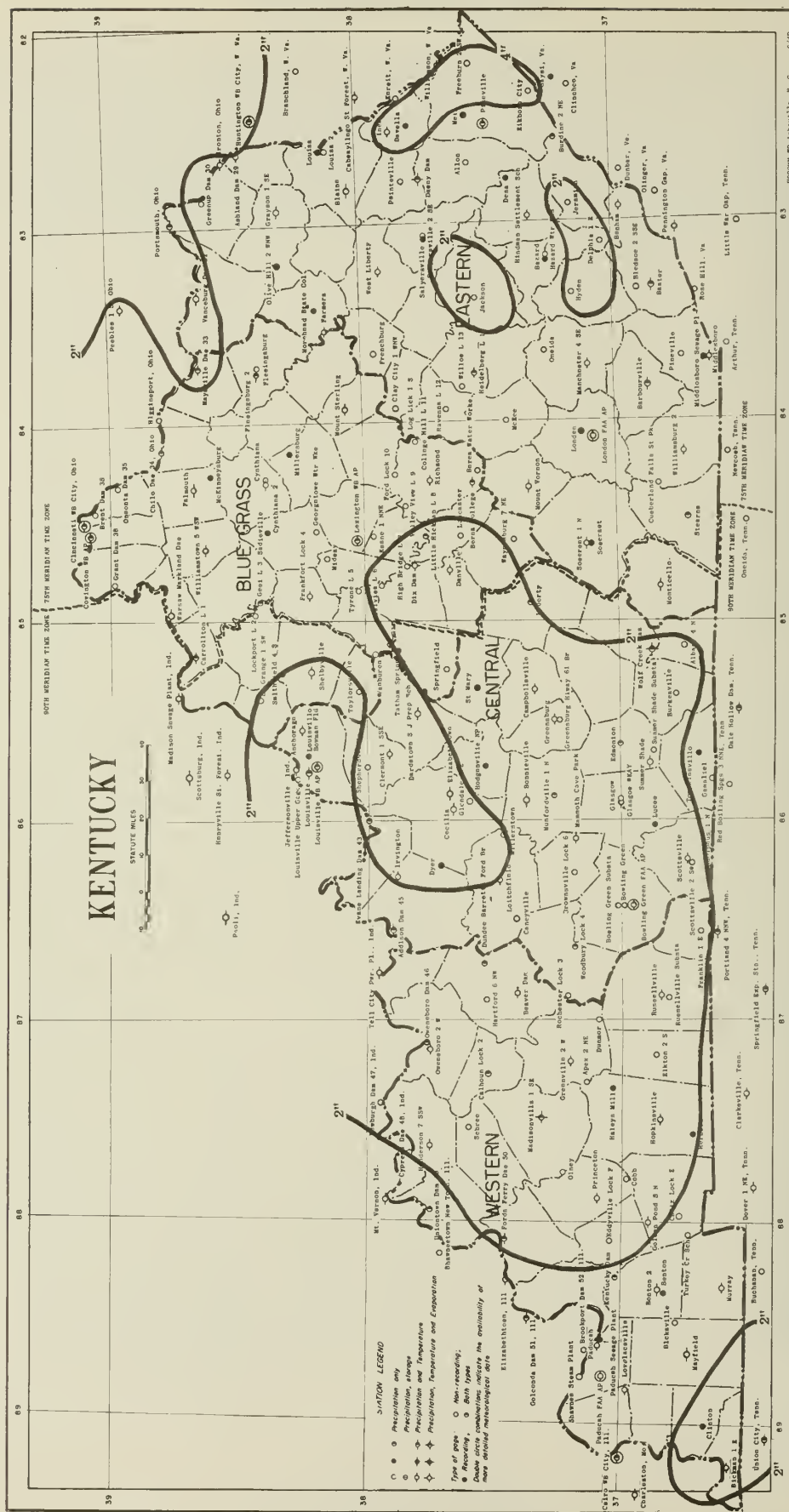
Station		Day of month																															Total or Avg.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
DEWEY DAM	EVAP WIND	.14 9	.10 1	.06 11	.09 1	.08 1	.03 1	.03 2	.09 2	- 1	- 1	- 0	.10 1	.07 1	.09 0	.05 1	.08 1	.00 1	.25 3	*	*	.06 6	.05 2	.16 38	*	*	* 11	* 2	* 0	* 1	.18 1	.00 1	.03 2	B1.90 124	
DIX DAM	EVAP WIND	.20 45	.14 39	.17 53	.07 15	.10 9	.07 32	.12 37	.15 31	.11 20	.01 30	.03 14	.13 7	.11 2	.10 16	.10 4	.05 15	.11 25	.11 27	.11 17	.01 85	.10 32	.27 66	.13 133	.10 30	.10 30	*	*	.14 48	.02 26	.07 23	.04 98	2.97 1069		
WOLF CREEK DAM	EVAP WIND	.14 5	.09 11	.14 23	.12 6	.10 7	.10 21	.04 7	.09 19	.10 15	.04 9	.04 4	.08 2	.12 3	.13 5	.12 4	.08 11	.09 20	.09 5	.09 7	* 48	.00 30	.03 22	.05 66	.10 133	.16 40	.10 20	.15 20	.10 20	.01 20	.14 5	.00 10	.07 15	.13 15	2.80 448

Dix Dam - Evaporation pan is coated with aluminum paint inside and out each year before being placed in operation.

See Reference Notes Following Station Index

TOTAL PRECIPITATION

KENTUCKY
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STATION INDEX

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STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES			OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES			OBSERVER	
							TEMP.	PRECIP.	EVAP.									TEMP.	PRECIP.	EVAP.		
ADDISON DAM 45	0031	BRECKINRIDGE	7	37 55	86 34	380	6A	8A		C	CORPS OF ENGINEERS	LITTLE HICKMAN LOCK 8	4825	JESSAMINE	4	37 45	84 35	521	7A	C	CORPS OF ENGINEERS	
ALBANY 4 N	0053	CLINTON	2	36 45	85 26	1000	7A				MRS. BARBARA M. COOL	LOCKPORT LOCK 2	4857	HENRY	4	38 26	84 58	485	6A	C	CORPS OF ENGINEERS	
ANCHORAGE	0155	JEFFERSON	7	38 16	85 33	700	7P	7P			CHARLES G. BARRET	LOGGICK 1 S	4882	CLARK	4	37 51	84 02	773	7A	C	HUBERT BURGER	
ASHLAND DAM 29	0254	BOYO	7	38 27	82 36	551	6P	7A			CORPS OF ENGINEERS	LOUNEL	4892	LAUREL	2	37 08	84 04	1195	NID	MID	C	KNOXVILLE FERTILIZER CO
BARDOLVILLE	0361	SMOKE	2	36 52	83 53	1000	6P	6P			UNION COLLEGE	LONDON FFA AP	4898	LAUREL	2	37 05	84 05	1191	NID	MID	C	FED. AVIATION AGENCY
BARDSTOWN 5 J PREP SCH	0397	NELSON	8	37 48	85 28	631	5P	5P			H ST. JOSEPH PREP. SCHOOL	LOUISA	4943	LAWRENCE	1	38 07	82 37	582	7A	C	CHARLES F. BRANHAM	
BAKER	0450	HARLAN	2	36 51	83 20	1164	7A				C. HOMER NOLAN	LOUISA 2	4946	LAWRENCE	1	38 07	82 36	585	8A	6P	C	MARLO C. FERGUSON
BEAVER DAM	0490	OHIO	3	37 25	86 52	441	6P	6P			H E. G. YOUNG	LOUISVILLE	4949	JEFFERSON	7	38 14	85 46	462	6P		C	LOUISVILLE G. & E. CO.
BENKIN	0565	HARLAN	2	36 58	82 57	1585	8A	8A			H C. C. WHITEAKER	LOUISVILLE BOWMAN FLD	4951	JEFFERSON	7	38 13	85 40	558	7A	C	CORPS OF ENGINEERS	
BENTON	0611	MARSHALL	9	36 51	88 20	395					C JAMES H. MILLER	LOUISVILLE WB AP	4954	JEFFERSON	7	38 11	85 44	476	MID	MID	C	U.S. WEATHER BUREAU
BENTON 2	0615	MARSHALL	9	36 51	88 20	395	5P	5P			RADIO STATION WGBL	LOUISVILLE UPPER GAGE	4955	JEFFERSON	7	38 17	85 48	403	6P	7A	C	CORPS OF ENGINEERS
BEREA COLLEGE	0619	MAISON	4	37 34	84 18	1070	6P	6P			C H JAMES A. GROSSMAN	LOVELACEVILLE	4967	BALLARD	6	36 58	88 50	370	5P	5P	C	BLAINE MALONE
BEREA WATER WORKS	0624	MAISON	4	37 33	84 15	1010	7A				MRS. LAURA B. GABBARD	LUCAS	5002	BARRON	3	36 53	86 02	738	7A	7A	C	HOMER WELBORN, JR.
BLAINE 1 W	0752	LAWRENCE	1	38 02	82 52	650	8A	8A			JOHN LEE BURTON	MADISONVILLE 1 SE	5067	HOPKINS	3	37 19	87 24	439	5P	7A	C	NATIONAL PARK SERVICE
BONNIEVILLE	0854	HART	3	37 23	85 54	684	5P	5P			WAYNE O. BERRY	MAMMOTH CAVE PARK	5097	EDMONSON	3	37 11	86 05	800	5P	1P	C	
BOWLING GREEN	0904	WARREN	3	37 00	86 26	536	7A				JAMES R. EDWARDS	MANCHESTER 4 SE	5111	CLAY	4	37 06	83 43	850	6P	7A	C	NORA S. WHITE
BOWLING GREEN SUBSTA	0907	WARREN	3	37 01	86 26	470	5A				TVA-639	MARTIN 1 SW	5171	FLOYD	1	37 33	82 45	655	7A		C	JAMES O. HUGHES
BOWLING GREEN FFA AP	0909	WARREN	3	36 58	86 26	535	NID	MID			FED. AVIATION AGENCY	MARTIN 2 SW	5230	GRAVES	6	36 44	88 39	364	6P	7A	C	MAYFIELD ELEC. & E. CO.
BRENT DAM 36	0978	CAMPBELL	7	39 03	84 23	497	7A				CORPS OF ENGINEERS	MASON	5243	MASON	7	38 38	83 42	515	7A	7A	C	CORPS OF ENGINEERS
BROWNVILLE LOCK 6	1046	EDMONSON	3	37 12	86 16	410	7A				ELORIOE SKAGGS	MC KEE	5291	JACKSON	2	37 26	84 00	1000	8A		C	MRS. MINNIE W. NORAN
BUCKHORN	1080	PERRY	4	37 21	83 23	936					C CORPS OF ENGINEERS	MC KINNEYSBURG	5301	PENOLETON	5	38 36	84 16	662			C	RICHARD T. SYMOND
BURDINE 2 NE	1120	PIKE	1	37 13	82 35	1643	8A				C EDWIN E. JOHNSON	META	5370	PIKE	1	37 34	82 37	730	5P	7A	C	MRS. EDITH J. SMITH
BURKESVILLE	1137	CUMBERLAND	2	36 47	85 22	600	7A				C CORPS OF ENGINEERS	MIDDLEBORO	5389	BELL	2	36 37	83 43	1130	5P	7A	C	MRS. LELA M. HERRELL
CADIZ LOCK E	1206	TRIGG	2	36 46	87 58	364	7A				C CORPS OF ENGINEERS	MIDDLEBORO SEWAGE PL	5394	BELL	2	36 38	83 43	1130			C	CITY OF MIDDLEBORO
CALHOUN LOCK 2	1227	MC LEAN	3	37 32	87 16	402	7A				C CORPS OF ENGINEERS	MIDWAY	5407	WOODFORD	4	38 09	84 41	-	8A		C	CITY OF MIDWAY
CAMPBELLVILLE	1256	TAYLOR	3	37 20	85 21	771	6P	6P			H ALVA MC KINLEY	MILLERSBURG	5430	BOURBON	5	38 18	84 09	789			C	CITY WATER WORKS
CANEYVILLE	1294	GRAYSON	3	37 25	86 30	600	7A				G. V. COX SR.	MILLERTOWN	5434	GRAYSON	3	37 27	86 03	588	7A		C	JOHN M. LAWLER
CARROLLTON LOCK 1	1345	CARROLL	8	37 41	85 11	480	6P	7A			C CORPS OF ENGINEERS	MONTICELLO	5524	WAYNE	2	36 50	84 30	928	6P	7A	C	ALVIN L. BERTMAN
CECILIA	1406	HAROLD	8	37 40	85 57	734	7A				WILLIAM S. VERTREES	MOREHEAD STATE COLLEGE	5555	ROWAN	5	38 11	83 76	700			C	PROF. HENRY C. HAGAN
CLAY CITY 1 WNW	1576	POWELL	4	37 52	83 56	712	7A				JOEL W. MOUNT2	MOUNT STERLING	5640	MONTGOMERY	5	38 04	83 56	930	5P	5P	C	FRED CARTMILL
CLERMONT 1 SSE	1611	BULLITT	8	37 55	85 40	540	5P	5P			C BERNEIM FOUNDATION	MOUNT VERNON	5648	ROCKCASTLE	2	37 21	84 20	1137	5P	5P	C	CITY OF MT. VERNON
CLINTON	1631	HICKMAN	6	36 41	89 00	390	7A				C FRANKLIN WOODSON	MURRAY	5694	CALLOWAY	9	36 36	88 20	622	6P	6P	C	SHERMAN C. PUCKETT
COBB	1663	CALDWELL	2	36 59	87 47	490	7A				MRS. BENNIE B. WHITE	OLIVE HILL 2 WNW	6013	CARTER	7	38 19	83 12	895			C	MURRAY STATE COLLEGE
COLLEGE HILL LOCK II	1704	ESTILL	7	39 04	84 06	611	NID	MID			C H. U.S. WEATHER BUREAU	ONEIDA	6028	CLAY	4	37 16	83 39	750	7A		C	GEORGE E. DUVAL
COVINGTON WB AIRPORT	1855	BOONE	2	36 50	84 19	1079	5P				KY. DEPT. OF CONSL.	ONEIDA DAM 35	6033	CAMPBELL	7	38 38	84 18	512	7A		C	MRS. ANNA L. BROWN
CUMBERLAND FALLS ST PK	1969	WHITLEY	2	36 50	84 19	1079	5P				H MARSHALL HILL	OWENSBORO 2 W	6091	OVISS	7	37 46	87 09	420	6P	7A	C	CORPS OF ENGINEERS
CYNTHIANA	2003	HARRISON	5	38 23	84 17	719	8A	8A			KY. CAROLINA DAIRY	OWENSBORO DAM 48	6096	OVISS	7	37 47	87 07	404	6P	7A	C	VIRGIL O. CLARK
CYNTHIANA 2	2040	BOYLE	4	37 39	84 46	955	7A				H R. P. COLOIRON	PAIDUHAN FFA AIRPORT	6110	MC CRACKEN	7	37 04	88 46	198	MID	MID	C	CORPS OF ENGINEERS
DANVILLE	2040	BOYLE	4	37 39	84 46	955	7A				MRS. EVA M. DAVIS	PAIDUHAN	6115	MC CRACKEN	7	37 06	88 37	340	5P	5P	C	FED. AVIATION AGENCY
DAVELLA	2053	MARTIN	1	37 48	82 32	716	8A				C BALLARD F. WALKER, JR.	PAIDUHAN	6117	MC CRACKEN	7	37 06	88 36	325			C	JOSEY FAIRCHILD
DELPHIA 1 E	2132	PERRY	4	37 02	83 07	1647	8A				HATTIE B. BARNEY	PAINTSVILLE	6136	JOHNSON	1	37 49	82 48	620	7A		C	WEATHER BUREAU
DENA	2139	KNOTT	1	37 25	82 48	615	7A	7A			CORPS OF ENGINEERS	PIKEVILLE	6231	PIKE	2	36 45	83 42	1002	7A		C	JOSEY FAIRCHILD
DEWEY DAM	2180	FLOYD	1	37 45	82 47	653	7A	7A			PHILLIP O. THACKER	PIKEVILLE	6231	PIKE	2	36 45	83 42	1002	7A		C	JOSEY FAIRCHILD
DIX DAM	2184	MERCER	4	37 48	84 43	870	7A				C	PRINCETON	6575	CALDWELL	2	37 06	87 53	529	5P	5P	C	ALTON N. HARVILL
DUNDEE BARRETT'S FORD BR	2358	OHIO	3	37 33	86 43	440	7A				C LENA BLAIR	RAVENNA LOCK 12	6679	ESTILL	4	37 40	83 57	634	7A		C	CORPS OF ENGINEERS
DUNMORE	2366	MULLENBORG	3	37 05	87 00	592	7A				C CORPS OF ENGINEERS	RICHMOND	6805	MAISON	4	37 44	84 18	1122	8A	8A	C	THOMAS C. HERNDON
DYER	2391	BRECKENRIDGE	3	37 43	86 13	793	7A				C RADIO STATION WJEL	RUSSELLVILLE	7049	LOGAN	3	36 51	86 53	590	6P	7A	C	MRS. HILDA L. COX
EDDYVILLE LOCK F	2445	LYON	2	37 03	88 05	420	7A				C EDMOND O. BENNETT	RUSSELLVILLE SUBSTA	7054	LOGAN	3	36 50	86 54	576	7A		C	TVA-683
EDMONTON	2450	E. HOWARD CALFE	5	36 59	87 47	550	6P	6P			S. RICHARD ANDERSON	SAOIEVILLE	7074	SCOTT	4	38 23	84 33	791			C	MRS. TRESSIE A. RALSTON
ELIZABETHTOWN	2510	HARDIN	3	37 41	85 52	739	6P	6P			FRANK H. LAWSON	ST MARY	7096	MARION	8	37 35	85 21	743			C	JOHN B. BAUER
ELKHORN CITY	2528	PIKE	1	37 18	82 21	800	7A				MRS. ALMYRTA B. MALL	SALYSA LOCK 6	7121	WOODFORD	4	37 36	84 49	490	7A		C	CORPS OF ENGINEERS
ELKTON 2 S	2548	TODD	2	36 47	87 10	520	7A				C WILLIAM H. FISCHER	SALYERSVILLE	7129	MAGOFFIN	5	37 45	83 05	859			C	STANLEY GARNER
FALMOUTH	2775	PENOLETON	5	38 40	84 20	560	6P	7A			C CORPS OF ENGINEERS	SALYERSVILLE 2 SE	7134	MAGOFFIN	5	37 44	83 03	920	7A		C	FORREST C. WILLIS
FARMERS	2791	ROWAN	8	37 33	86 33	440	7A				C CORPS OF ENGINEERS	SCOTTSVILLE	7215	ALLEN	3	36 45	86 12	710	5P	5P	C	MOBLE ALLEN
FLEMINGSBURG	2903	FLEMING	5	38 25	83 43	911	6P	7A			HRS KATIE D. NEAL	SCOTTSVILLE 2 SW	7220	ALLEN	3	36 44	86 13	740	7A		C	GEORGE E. SIMPSON
FLEMINGSBURG 2	2908	FLEMING	5	38 25	83 43	911	6P	MID			C WILLIAM H. FISCHER	SEBRRE	7234	WEBSTER	3	37 36	87 32	350	6P	6P	C	PAUL D. TOMPKINS
FORD LOCK 10	2953	MAISON	4	37 54	84 16	660	8A				C MRS. ALTA S. GOOSLIN	SHANNEY STEAM PLANT	7311	MC CRACKEN	7	37 09	88 47	345				

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U. S. DEPARTMENT OF COMMERCE
FREDERICK H. MUELLER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

NOVEMBER 1960
Volume 55 No. 11



ASHEVILLE: 1961

RECEIVED BY THE
NOV 23 1961
BUREAU OF METEOROLOGY

KENTUCKY - NOVEMBER 1960

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 81° on the 23rd at Williamsburg 2

Lowest Temperature: 13° on the 11th at Benton 2

Greatest Total Precipitation: 5.59 inches at Caneyville

Least Total Precipitation: 0.48 inch at Inez

Greatest One-Day Precipitation: 2.23 inches on the 9th at Murray

Greatest Reported Total Snowfall: Trace at 33 stations

Greatest Reported Depth of Snow on Ground: Trace on the 30+ at 5
stations

CLIMATOLOGICAL DATA

KENTUCKY
NOVEMBER 1960

Station	Temperature										Precipitation													
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days			
										Max		Min						Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More	
										90° or Above	32° or Below	32° or Below	90° or Below											
WESTERN																								
BEAVER DAM	58.9	34.3	46.6		78	15	17	11	548	0	0	16	0	4.45		2.00	9	.0	0		6	3	1	
BENTON 2	61.3M	31.6M	46.5M		78	15	13	11	561	0	0	19	0	3.31		1.54	9	.0	0		4	3	1	
FORDS FERRY DAM 50	58.3	37.5	47.9		76	15	20	11	510	0	0	9	0	2.89	-.44	.78	16	.0	0		6	3	0	
GOLDEN POND 8 N	61.0	32.8	46.9		79	15	19	12	539	0	0	18	0					.0	0					
GREENVILLE 2 W	59.8	35.9	47.9	1.1	78	15	16	11	514	0	0	14	0	4.24	.89	1.76	9	.0	0		7	3	1	
HENDERSON 7 SSW	58.5	35.8	47.2	.6	76	15	17	11	530	0	0	14	0	3.70	.38	1.22	16	.0	0		6	4	1	
HICKMAN 1 E	61.2	33.3	47.3		78	16	16	11	524	0	0	15	0	3.79		1.08	9	.0	0		6	4	1	
HOPKINSVILLE	59.6	33.0	46.3	-.7	79	16	21	12+	556	0	0	19	0	5.07	1.54	1.51	10	.0	0		6	5	2	
LOVELACEVILLE	60.5	33.2	46.9	.5	75	15	16	11	539	0	0	16	0	4.04	.80	1.35	9	.0	0		4	4	2	
MADISONVILLE 1 SE	59.7	34.7	47.2		78	15	18	11	526	0	0	16	0	4.13		1.15	16	.0	0		7	4	1	
MAYFIELD	60.3	36.6	48.5		78	15	19	11	494	0	0	12	0	4.06		1.05	23	.0	0		5	4	1	
MURRAY	60.6	36.7	48.7	1.4	79	15	23	10	488	0	0	13	0	4.64	1.01	2.23	9	.0	0		6	3	1	
OWENSBORO 2 W	58.9	35.2	47.1	1.2	77	15	20	11	534	0	0	16	0	3.16	-.19	.75	16	.0	0		6	4	0	
PAUCUHA FAA AIRPORT	58.0	34.4	46.2		74	15	18	11	557	0	0	14	0	3.40		.84	22	.0	0		6	4	0	
PAUCAH	60.8	35.3	48.1		76	15	19	11	506	0	0	17	0	3.40	-.32	1.20	9	.0	0		5	4	1	
PARADISE STEAM PLANT	60.6	31.7	46.2		78	16	20	11	561	0	0	23	0	4.60		1.10	10				7	5	2	
PRINCETON	61.0	33.8	47.4	.5	78	14	17	11	522	0	0	17	0	3.02	-.44	1.26	9	.0	0		6	2	1	
RUSSELLVILLE	60.4	35.8	48.1	2.5	78	15	19	11	500	0	0	14	0	4.86	1.34	1.21	10	.0	0		5	5	3	
DIVISION			47.3	.4										3.93	.44			.0						
CENTRAL																								
ADDISON DAM 45	54.3	29.3	41.8		75	16	18	12+	693	0	1	24	0	3.41	.27	.85	16	.0	0		5	4	0	
ANCHORAGE	57.7	33.2	45.5	1.1	76	15	20	12	580	0	0	18	0	3.88	.75	1.48	9	T	0		8	3	1	
BAROSTOWN S J PREP SCH	59.0	32.4	45.7		78	15	16	11	572	0	0	18	0	3.75		1.95	9	.0	0		5	3	1	
BONNIEVILLE																								
BOWLING GREEN FAA AP	58.4	32.5	45.5	-1.8	75	15	19	11	580	0	0	18	0	4.20	.73	2.00	9	.0	0		5	4	1	
CAMPBELLSVILLE	60.1	35.5	47.8		77	15	20	11	511	0	0	15	0	3.45		1.41	9	.0	0		7	3	1	
CECILIA	55.5	30.0	42.8	-2.2	73	16	18	30+	660	0	0	23	0	4.20	.92	1.26	10	.0	0		7	4	2	
CLERMONT 1 SSE	62.1	34.9	48.5		78	15	17	11	494	0	0	18	0	4.37		1.86	9	T	0		5	4	1	
ELIZABETHTOWN	58.0	35.3	46.7		75	15	17	11	545	0	0	14	0	4.74		1.94	9	T	0		6	3	1	
GLASGOW WKAY	59.9	34.4	47.2		76	15	20	12+	528	0	0	16	0	4.26		1.82	9	.0	0		6	4	1	
GREENSBURG	59.8	31.7	45.8	.0	78	16	18	12	574	0	0	21	0	3.60	.22	.94	10	.0	0		8	3	0	
IRVINGTON	59.0	35.5	47.3	1.2	76	15	18	11	525	0	0	16	0	4.12	1.01	1.45	9	T	0		6	3	1	
LEITCHFIELD	58.7	36.3	47.5	.9	75	15	21	11	520	0	0	12	0	5.20	1.62	1.36	9	.0	0		7	5	3	
LOUISVILLE	59.5M	39.4M	49.5M		78	15	26	30+	467	0	0	8	0	3.15		1.16	9	.0	0		8	2	1	
LOUISVILLE WB AP	56.0	34.0	45.0	-.7	75	15	21	12+	596	0	0	14	0	3.35	.23	1.24	9	T	0		6	3	1	
MAMMOTH CAVE PARK	59.8	34.8	47.3		76	15	16	11	524	0	0	17	0	4.33		1.75	9	.0	0		5	4	1	
SCOTTSDALE	60.3	35.0	47.7		75	15	15	11	514	0	0	14	0	4.20		1.68	9	.0	0		6	3	2	
SUMMER SHADE	60.4	33.0	46.7		77	15	17	11	542	0	0	16	0	5.04		1.90	5	.0	0		6	4	2	
WOLF CREEK DAM	60.3	32.6	46.5		77	16	22	12+	550	0	0	18	0	3.21		.76	10	.0	0		8	3	0	
DIVISION			46.4	.4										4.03	.67			T						
BLUE GRASS																								
BEREA COLLEGE	62.1	33.6M	47.9M	1.5	77	15	21	11	507	0	0	16	0	1.63	-1.65	.40	5	.0	0		6	0	0	
CARROLLTON LOCK 1	59.5	36.2	47.9		75	15	21	12	510	0	0	14	0	2.87	-.09	.80	10	T	0		6	1	0	
COVINGTON WB AIRPORT	55.8	36.4	46.1	2.7	72	15	23	30	559	0	1	11	0	2.33	-.70	.94	9	T	0		6	1	0	
CYNTHIANA 2	57.0	30.6	43.8		75	16	19	12	629	0	0	22	0	3.16		.82	10	.0	0		7	3	0	
DANVILLE	57.4	33.5	45.5		75	16	21	11	578	0	0	13	0	2.93	-.29	.53	10	.0	0		9	1	0	
OIX DAM	60.2	36.8	48.5		76	15	23	30+	489	0	0	10	0	3.40		.68	10	.0	0		8	3	0	
FALMOUTH	59.8M	32.5M	46.2M		76	15	19	12	557	0	0	17	0	2.91	-.39	.88	10	T	T	10	6	2	0	
FLEMINGSBURG 2	56.6	33.6	45.1		73	15	21	12+	591	0	1	17	0	2.22		.64	9	T	0		6	1	0	
FRANKFORT LOCK 4	58.9	32.9	45.9	.1	76	16	25	13+	566	0	0	19	0	3.79	.54	1.28	10	.0	0		7	3	1	
LEXINGTON WB AIRPORT	55.7	35.3	45.5	.7	75	15	20	30	575	0	0	10	0	3.61	.46	1.21	9	T	0		5	2	2	
MAYSVILLE DAM 33	57.8	31.0	44.4	-.5	76	16	21	9	612	0	0	21	0	2.73	-.29	.71	29	T	0		7	2	0	
MOUNT STERLING	59.3	34.7	47.0		76	15	21	11	534	0	0	14	0	2.20	-.80	.69	9	T	T	6	6	1	0	
RICHMOND	57.6	33.5	45.6		75	16	22	12+	576	0	0	14	0	2.61		.47	10	.0	0		10	0	0	
SHELBYVILLE	55.9	33.3	44.6	-.5	75	16	23	10	604	0	0	17	0	4.21	.70	1.23	10	.0	0		7	5	1	
WARSAW MARKLAND DAM	58.2	35.5	46.9	1.8	75	15	24	30+	537	0	0	11	0	2.63	-.29	.85	10	T	0		7	1	0	
WILLIAMSTOWN 5 WSW	56.6	32.6	44.6	-.5	73	16	19	30	606	0	0	13	0	3.56	.42	.79	10	.0	0		7	4	0	
DIVISION			46.0	.5										2.93	-.25			T						
EASTERN																								
ASHLAND DAM 29	58.2	35.1	46.7	.1	77	15	24	11+	542	0	0	13	0	2.05	-.68	.46	10	T	T	30	6	0	0	
BARBOURVILLE	62.9	32.2	47.6		74	16	18	11	518	0	0	16	0	2.04		.50	10	.0	0		5	1	0	
BAXTER	59.4	30.2	44.8		73	16	20	11	601	0	0	21	0	2.56		.70	29	T	0		6	3	0	
BENHAM	60.0	29.8	44.9		71	15	18	8	596	0	0	19	0	2.58		.67	10	T	T	7	6	2	0	
BLAINE 1 W	60.6	27.0	43.8		79	16	17	12+	630	0	0	23	0	2.34		.84	29	.0	0		5	2	0	
DEWEY DAM	60.8	30.6	45.7		79	16	19	11+	571	0	0	18	0	1.95		.53	29	.0	0		5	1	0	
FARMERS	60.9	31.5	46.2	1.2	78	15	18	12+	556	0	0	19	0	2.49	-.68	.52	23	T	0		8	1	0	
GRAYSON 1 SE	57.9	30.8	44.4		77	16	18	8	616	0	0	19	0	2.18		.49	10	T	0		7	0	0	
HEIDELBERG LOCK 14	61.8	30.4	46.1		77	15	18	11+	562	0	0	17	0	2.83	-.47	1.04	29	.0	0		7	2	1	
HINDMAN	62.5M	30.4M	46.5M		79	15	15	8	551	0	0	17	0	1.73		.52	23	T	0		4	1	0	
INEZ																								

CLIMATOLOGICAL DATA

KENTUCKY
NOVEMBER 1960

CONTINUED

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max		Min						Total	Max Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										90° or Above	32° or Below	32° or Below	0° or Below										
MOUNT VERNON	62.5	34.4	48.5		79	15	23	8	487	0	0	12	0	2.00	-.58	.50	29+	T	0		4	2	0
PIKEVILLE	59.9	33.4	46.7		74	15	19	11	543	0	0	18	0	3.22	-.95	.29		.0	0		7	2	0
SOMERSET 1 N	58.1	33.8	46.0		78	15	21	24	563	0	0	17	0	2.30	-.70	.68	10	T	0		6	1	0
VANCEBURG DAM 32	60.1	28.3	44.2		79	16	18	12+	617	0	0	21	0	2.70		1.14	29	T	0		8	2	1
WEST LIBERTY																							
WILLIAMSBURG 2	63.3	31.7	47.5	.7	81	23	19	12+	518	0	0	18	0	2.61	-.61	.63	29	.0	0		5	2	0
DIVISION			46.1	.0										2.39	-.77			T					

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation										Percent of possible sunshine	Average sky cover	sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Midnight CST	6:00 a. CST	NOON CST	6:00 p. CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total						
COVINGTON WB AIRPORT	SSW	27	10.3	28	W	29+	69	73	50	56	6	3	5	1	0	0	15	-	6.0				
LEXINGTON WB AIRPORT	S	26	11.2	-	-	-	79	84	59	66	4	3	3	2	0	0	12	-	5.9				
LOUISVILLE WB AIRPORT	S	12	7.4	34	SW	15	79	83	61	67	4	2	3	2	1	0	12	61	5.4				

See Reference Notes Following Station Index

DAILY PRECIPITATION

KENTUCKY
NOVEMBER 1960

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADDISON DAM 45	3.41	.03	T			.07				.43	.84				.05		.85							.64						.50		
ALBANY 4 M	3.06	.50				.30				.07	.61						.38							.47						.73		
ANCHORAGE	3.88		.03			.26			.14	1.48	.17						.61						.43	.07					.53	.16		
ASHLAND DAM 29	2.05	.20	T	.02			.42	.10		.02	.46						.05	.08						.24	.02				.44	T		
BARBOURVILLE	2.04		T	.06			.25	T		.02	.50						.28							.48					.45			
BARSTOWN S J PREP SCH	3.75		.07			.16				1.95	.05				.02		.83				.02		.15	.50	T				.70			
BAKTER	2.56	.29	T	.17		.16	.05			.64							T	.05						.45	.22				.72			
BEAVER DAM	4.45		.14			T				2.00	.05						.87							.03	T				.65			
BENHAM	2.58	.24		.10		.12	.21	.09		1.54	.67	.05					.77						.07			.06	.03		.81			
BENTON 2	3.31																															
BEREA COLLEGE	1.63		.14			.40				.32	.32						.20							.25					.75			
BEREA WATER WORKS	2.81	.40		.14		.34				.52							.22	.01						.23	.01				.84			
BLAINE 1 W	2.34					.63				.17	.40						.07															
BONNIEVILLE		RECORD MISSING					.07	.04			1.45						.77							.53					.74			
BOWLING GREEN	4.51	.02		.04						.85																						
BOWLING GREEN SUBSTA	4.58		.05			.04	.05			.88	1.40						.85							.53			.02		.76			
BOWLING GREEN FAA AP	4.20	T	.06			.12	T		.02	2.00							.67					.50	.02					.81				
BRENT DAM 36	4.19	.22	.02			T	.08	.02		.19	.93						.45							.36					.43	T		
BROWNSVILLE LOCK 6	4.19					.16				.92	1.22						1.07							.33					.49			
BURDINE 2 NE	1.95			.13			.30			.54														.40					.58			
BURKESVILLE		RECORD MISSING																														
CADIZ LOCK E	4.82									1.20	1.10						.95							.76					.81			
CALHOUN LOCK 2	3.97		T	.04		.02	.07			.34	.84						.92							.71					1.03			
CAMPBELLSVILLE	3.45		.16			.19	.01			1.41	.06						.54						T	.44	.01			.12	.51			
CANEYVILLE	5.59			.28			.09	.02		1.28	1.29						.95							.54					1.14			
CARROLLTON LOCK 1	2.87	.06	T	T		.02	.19			.46	.80						T	.02	.38					.46					.48			
CECILIA	4.42		.13			.16				1.00	1.26	.11												.71					.83			
CLAY CITY 1 WNW	2.15	.15		.12		T	.40			.16	.55							.20						.25					.32			
CLERMONT 1 SSE	4.37		.03			.09	.01	.01		1.86	.37					.01		.76					T	.69			.01	T	.53			
COBB	3.80									1.25	.60						.92							.52								
COLLEGE HILL LOCK 11	2.33			.34			.34	T		.19	.42						T	.24	.26					.23				.41	T			
COVINGTON WB AIRPORT	2.33	.03	.02			.10	T		.14	.94	.01						T	.35					.33	T								
CUMBERLAND FALLS ST PK	2.77			.04		.21				.16	.36							.18						.47					1.30			
CYNTHIANA	3.03	.33	T			T	.29	T		.28	.91							.41						.31			.05	.10	.53			
CYNTHIANA 2	3.11	.26		.03						.57	.82							.44	.02					.34								
DANVILLE	2.93	.37		.15			.27		.29	.53							T	.43	.12					.35		.50	.13		.51			
DELPHIA 1 E	2.12						.20			.60	.19							T	T					.25	.04				.53			
DEWEY DAM	1.95	.21		.01			.46			.40														.42					.60			
DIX DAM	3.40	.20		.23			.22			.49	.68						T	.56						.42					.60			
DUMDEE BARRETT'S FORD 8R	4.99			.10		.10				1.05	.60							.98						.86					1.30			
DUMMOR	4.99					.04	.06			1.25	1.17						.88							.58			.02	.99				
EDDYVILLE LOCK F	3.85		.09			T				.95	.40						.97							.70					.80			
EDMONTON	3.38	.10		.10		.14				.16	1.08						.60							.40					.78			
ELIZABETHTOWN	4.74		.03			.05	T	.30		1.94	.06						.90						.43	.25			T	.78				
ELKHORN CITY	2.08									.90														.36	.12				.70			
ELKTON 2 S	4.01		.04			.07	.05			1.00	1.08						.61							.58	T			T	.63			
FALMOUTH	2.91	T				.02	.34	T		.24	.88						.38							.47					.58			
FARMERS	2.49	.16		.11		.44	T			.16	.47					.05	.38		.07					.52	.02				.33			
FLEMINGSBURG	2.29	.17	T	.02		.32	T			.36	.40						.16	.03						.37					.46	T		
FLEMINGSBURG 2	2.22		.02			.30	T	T		.64	.15						T	.23						.38				.08	.42	T		
FORD LOCK 10	2.91	.34		.11		.26	T			.21	.71						T	.37	.10					.41	.05				.36			
FORDS FERRY DAM 50	2.87		T			.12	.03			.55	.35							.78						.66					.40			
FRANKFORT LOCK 4	3.79	.13		.02		.22				.40	1.28							.61						.48			T		.65			
FRANKLIN 1 E	4.31					.15			.19	.68	1.42							.71						.51					.84			
FREESBURG 2 SW	2.42	.15		.07		.41	.19			.02	.48	.02						.09						.29	.07				.63			
FRENCHBURG	2.62	.23		.18		.41	T			.16	.59						.01	.14	.08	.04				.22	.01				.55			
GAMALIEL 1 S	2.85	.40		.08		T	.25			.13	.56	T					.38							.49	.02			T	.54			
GEORGETOWN WATER WORKS	3.09	.17	T			T	.21			.48	.74							.43						.52					.63			

DAILY PRECIPITATION

KENTUCKY
NOVEMBER 1960

Continued

Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ONEONTA DAM 35	3.02	.29	.01			.05	.15	.03		.19	1.10				T		.35							.40						.45	T		
OWENSBORO 2 W	3.16					.12				.60	.40						.75							.64						.65			
OWENSBORO DAM 46	3.23	T	T	.04		.02	.05			.39	.57					.01	.80							.64						.71			
PADUCAH FAA AIRPORT	3.40		.10			.03			.34	.69							.80							.84						.60			
PADUCAH	3.40		.08						T	1.20							.84							.52	.20					.56			
PAINTSVILLE	2.14			.27			.35			T	.40						.03							.20	.04					.85			
PARADISE STEAM PLANT	4.60		.07	.17		.10				1.00	1.10						.71							.62						.90			
PIKEVILLE	2.00					.36	.06			.04	.44						.01							.50		T	.02			.50	T		
PINEVILLE	2.39	.34		.14			.24	.03			.44						.02	.11						.44	.04					.65			
PRINCETON	3.02		.10			.05			.05	1.26							.15						.30	.39					.72				
RAVENNA LOCK 12	1.87						.40			T							.63							.25						.59			
RICHMOND	2.61	.34		.13		.12	.24			.20	.47						.37	.15						.29						.30			
ROCHESTER LOCK 3	4.61			.12		.05	.02			1.20	.96						.85							.51						.90			
RUSSELLVILLE	4.86			.04						1.00	1.21						.63							1.07			T	.01		.90			
RUSSELLVILLE SUBSTA	4.24			.06		.11	.04			1.25	.93						.56							.48					.01	.80			
SALVISA LOCK 6	4.22	.18		.10			.22			.34	1.10					.02	.45	.01						.56						1.24			
SALYERSVILLE 2 SE	2.72	.38					.38			.54							.71	.06						.27						1.09			
SCOTTSVILLE	4.20		.12			.15				1.68	.54						.71							.49						1.05			
SCOTTSVILLE 2 SW	3.85					.15	T			.66	1.04						.65							.50						.85			
SEBREE	3.50	T	*							*	.70						.30						*	1.40					1.10				
SHAWNEE STEAM PLANT	3.39			.03		T	T			.49	.24						1.37							.76						.50			
SHELBYVILLE	4.21	.15		.04		.09	.15			.62	1.23				T		.65							.53		T				.75			
SHEPHERDSVILLE	4.92			.04		.10	T			1.15	.98						.90							.75						1.00			
SOMERSET 1 N	3.22		.12			.20	.02			.72	.40						.35						T	.46						.95			
SPRINGFIELD	4.17	T				.22				.82	.92						.64	T						.49						1.08			
STEAPNS	3.50	.51		.07			.22			.67	T						.15							.50	.01					1.37			
SUMMER SHADE	5.04		.10			1.90				1.25							.68						.07	.38						.66			
SUMMER SHADE SUBSTA	3.50	.08		.19		T	.12			.28	1.02						.61							.42						.78	T		
TAYLORSVILLE	4.40	.20				T	.20			.70	1.24						.96							.68						.42			
TURKEY CREEK SCHOOL	4.42			.03		.07				1.59	.66	T					.78							.80						.49			
TYRONE LOCK 5	4.19	.20		.05			.24	T		.46	1.07					.05	.51	.11						.67						.83			
UNIONTOWN DAM 49	4.11					.06				.82	.46						1.28							.73						.76			
VALLEY VIEW LOCK 9	3.17	.36		.17		T	.30	T		.35	.75				T	T	.35	.15						.35						.39			
VANBUREN	4.82			.13		.05	.14			.61	1.80						.60							.75						.74			
VANCEBURG DAM 32	2.30	.23		.03		T	.43			.09	.68						.18	.01						.21	.01					.43	T		
WARSAW MARKLAND DAM	2.63	.13				.17				.35	.85				T		.41							.41						.31	T		
WAYNESBURG 7 NE	3.17	.49	T	.19		.32				.21	.64						.31	T						.33						.68			
WEST LIBERTY	2.70	.14		.10		.33			T	.10	.98						.10							.15	.06					1.14			
WILLIAMSBURG 2	2.61	.46		.07		.21	.03			.61							.09	.02						.45	.04					.63			
WILLIAMSBURG 5 WSW	3.56	.12	.03	T		T	.35	T	.03	.30	.99						.63						T	.51			T	T		.63			
WILLOW LOCK 13	2.28	.18		.06		.30				.10	.41						.12							.25						.86			
WOLF CREEK DAM	3.21	.61		.12		.15				.10	.76						.39	.03						.42	.02					.61			
WOODBURY LOCK 4	4.70			.10		.05				.99	1.15						1.00							.45						.96			

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
- Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Supplemental Data" Tables: "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., EST of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

DAILY TEMPERATURES

KENTUCKY
NOVEMBER 1960

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADDISON DAM 45	MAX MIN	48 37	56 40	50 27	52 26	60 26	46 24	48 22	48 22	52 26	45 23	38 18	40 18	52 20	62 32	73 45	75 52	60 32	54 28	56 26	46 26	54 26	60 27	55 40	48 28	56 28	64 32	64 32	70 50	68 30	30 20	54.3 29.3	
ANCHORAGE	MAX MIN	58 41	57 39	55 32	63 29	55 33	50 32	49 22	56 27	51 41	45 22	47 21	55 20	67 30	71 45	76 53	70 43	56 28	61 31	45 28	54 29	61 29	60 35	55 35	52 30	60 30	64 34	70 46	71 59	61 30	35 23	57.7 33.2	
ASHLAND DAM 29	MAX MIN	63 48	64 46	53 41	63 30	54 38	48 36	45 28	58 24	52 37	52 35	46 24	54 25	64 28	66 40	77 43	67 55	63 34	57 32	59 30	55 29	61 29	58 30	53 40	50 30	58 41	66 33	69 38	71 46	66 35	29 29	58.2 35.1	
BARBOURVILLE	MAX MIN	63 38	70 35	57 32	64 27	62 29	58 32	48 23	56 19	61 39	56 31	52 18	62 24	66 26	72 36	73 43	74 59	66 33	66 27	65 26	64 25	66 26	67 28	60 40	60 44	61 41	60 34	71 35	71 40	70 45	45 22	62.9 32.2	
BARDSTOWN S J PREP SCH	MAX MIN	60 39	59 44	55 27	64 25	50 40	53 29	46 21	57 22	52 37	52 21	48 16	72 18	68 30	72 43	78 55	70 55	58 28	61 30	57 26	57 25	64 27	63 34	54 40	50 27	60 28	66 34	70 47	74 55	63 27	37 22	59.0 32.4	
BAXTER	MAX MIN	61 37	61 33	67 32	49 28	63 29	51 29	49 28	47 21	57 23	57 32	39 20	54 22	56 26	73 27	72 30	64 35	63 31	63 28	63 27	59 25	62 28	65 27	67 29	54 44	57 40	61 35	62 35	66 42	67 47	50 23	59.4 30.2	
BEAVER DAM	MAX MIN	62 38	56 37	55 28	65 26	56 42	55 26	51 25	58 26	52 40	48 28	58 17	58 20	64 35	74 49	78 57	71 56	59 29	60 36	55 25	58 26	64 28	57 39	56 45	49 30	62 29	68 38	71 53	72 42	59 37	27 27	58.9 34.3	
BENHAM	MAX MIN	63 41	62 35	66 33	50 25	64 26	48 27	46 30	46 18	57 23	60 36	38 19	58 20	62 21	67 23	71 34	70 41	63 30	63 28	64 24	61 23	63 23	66 26	68 29	53 42	56 38	63 32	64 35	67 42	69 47	51 23	60.0 29.8	
BENTON 2	MAX MIN	67 35	63 43	57 25	67 23	62 44	53 24	52 23	51 23	56 31	56 21	56 13	73 18	64 30	73 43	78 61	75 54	62 24	61 29	57 21	62 22	66 24	62 31	57 33	59 32		69 43	68 52	69 43	69 52	31 23	61.3 31.6	
BEREA COLLEGE	MAX MIN	61 40	60 32	51 29	64 24	64 35	50 25	45 28	58 35	55 27	55 25	58 21	60 22	68 34	73 24	77 54	72 54	65 40	65 33	64 32	61 22	66 31	68 38	65 41	59 34	61 37	68 50	70 55	72 31	36 23	62.1 33.6		
BLAINE 1 W	MAX MIN	61 40	64 31	63 28	50 22	69 27	65 35	52 22	48 17	60 20	54 36	40 18	49 17	58 20	67 23	70 36	79 38	66 27	61 26	61 23	60 21	64 21	66 25	69 28	50 29	60 26	58 26	66 30	69 35	73 38	46 24	60.6 27.0	
BONNIEVILLE	MAX MIN	62 38	60 39	56 30	66 27	52 32	58 30	53 25	55 24	53 33	39 23	48 19	55 20	65 31	71 46	75 57	66 41	60 35	63 32	53 27	62 27	67 30	64 36	52 36	52 34	60 28	64 31	68 51	70 45	45 27	39 21	58.4 32.5	
BOWLING GREEN FAA AP	MAX MIN	60 41	61 45	53 31	63 28	60 42	51 31	47 25	58 27	53 43	48 20	56 22	56 20	65 33	73 45	77 54	69 33	62 33	63 31	57 26	61 30	64 30	66 38	60 44	52 35	60 31	66 35	68 49	72 55	69 31	37 25	60.1 35.5	
CAMPBELLSVILLE	MAX MIN	59 43	58 47	55 36	62 32	60 43	53 37	48 29	56 28	55 42	52 24	47 23	55 21	66 31	70 49	78 58	77 57	65 31	63 30	63 35	60 29	66 30	66 33	60 40	55 26	56 34	59 34	64 49	71 58	71 31	34 27	59.5 36.2	
CARROLLTON LOCK 1	MAX MIN	50 39	58 38	55 29	51 26	60 30	50 28	48 25	45 24	55 30	49 24	45 19	36 18	64 20	64 35	70 49	73 20	63 25	60 30	60 25	48 22	50 27	54 33	51 31	50 29	57 30	64 31	67 31	69 50	64 24	18 18	55.5 30.0	
CECILIA	MAX MIN	61 43	62 43	56 37	65 32	54 43	51 37	59 29	56 28	52 42	50 23	57 25	57 24	70 32	73 48	78 56	77 46	65 36	63 30	60 27	66 30	66 36	66 40	55 28	62 34	66 52	70 60	73 50	36 32	36 26	62.1 34.9		
COVINGTON WB AIRPORT	MAX MIN	56 44	53 37	52 38	62 37	54 39	47 30	43 30	53 30	50 34	37 25	45 25	55 29	65 39	70 47	72 56	66 46	55 36	59 39	53 32	56 28	61 36	65 40	49 37	57 28	64 36	66 53	69 49	54 39	30 23	55.8 36.4		
CYNTHIANA 2	MAX MIN	57 42	58 42	60 32	53 26	62 30	50 32	50 20	47 20	57 26	52 28	42 20	48 19	65 23	65 35	69 44	75 55	66 28	57 27	60 26	47 27	56 26	57 26	64 33	53 25	55 30	58 31	65 51	68 32	68 31	36 26	57.0 30.6	
DANVILLE	MAX MIN	56 42	59 42	60 32	52 26	62 30	53 32	49 20	45 20	58 28	53 28	40 22	47 19	57 27	66 41	71 58	75 52	65 36	62 30	58 30	45 25	58 27	63 34	65 40	50 35	54 34	60 35	65 40	69 50	33 25	57.4 33.5		
DEWEY DAM	MAX MIN	63 47	64 37	68 36	52 32	64 43	57 37	49 29	49 28	65 42	54 24	38 21	49 21	59 31	66 49	71 58	79 52	66 36	62 30	65 30	58 29	64 30	72 40	51 37	50 28	61 34	68 49	71 58	74 35	51 29	60.8 30.6		
DIX DAM	MAX MIN	58 43	60 46	52 32	61 32	60 40	50 34	46 29	58 42	58 34	52 25	47 23	56 25	67 35	71 45	76 54	74 56	64 37	62 36	61 33	55 38	65 33	68 40	65 35	52 35	60 40	65 43	68 54	69 32	35 23	60.2 36.8		
ELIZABETHTOWN	MAX MIN	60 41	56 38	54 28	62 29	55 48	55 28	57 27	56 33	43 43	52 27	48 21	54 26	63 35	72 51	75 60	70 58	57 29	61 29	50 24	56 26	62 35	59 45	52 36	50 36	58 33	62 39	67 43	66 35	62 26	25 25	58.0 35.3	
FALMOUTH	MAX MIN	70 44			72 29	50 40	50 35	47 24	57 20	52 40	51 28	47 22	56 19	68 27	69 40	76 54	70 54	58 28	62 26	54 27	54 28	64 26	67 29	52 40	58 23	58 33	60 33	66 38	69 55	71 31	35 28	59.8 32.5	
FARMERS	MAX MIN	61 44	65 35	51 37	63 25	59 41	58 31	45 22	60 18	55 38	45 31	50 20	58 18	69 24	69 36	78 41	74 55	61 28	64 26	57 24	57 28	64 23	67 28	61 45	57 25	60 32	67 35	69 49	71 32	71 32	34 27	60.9 31.5	
FLEMINGSBURG 2	MAX MIN	57 41	60 40	50 31	63 29	51 38	48 32	44 23	55 23	40 40	52 29	43 21	53 21	62 29	65 43	73 49	67 50	64 30	60 31	49 27	52 26	59 27	60 33	58 41	52 31	57 35	62 45	65 34	68 30	66 25	32 25	56.6 33.6	
FORDS FERRY DAM 50	MAX MIN	64 39	59 43	55 35	64 28	59 44	53 33	50 28	52 33	52 40	37 23	46 20	57 26	65 42	73 54	76 61	72 52	60 33	58 42	54 31	60 29	61 34	53 40	52 40	54 32	62 36	67 41	72 55	69 54	55 29	37 28	58.3 37.5	
FRANKFORT LOCK 4	MAX MIN	60 45	60 44	61 34	55 29	64 31	54 36	50 26	56 26	53 28	43 26	49 25	56 25	67 30	72 48	76 54	76 48	68 32	60 31	63 30	45 30	59 29	64 30	65 33	53 30	55 34	60 33	65 32	75 54	72 35	28 28	58.9 32.9	
GLASGOW WKAY	MAX MIN	60 40	60 44	54 29	65 27	56 37	52 26	54 23	58 25	53 44	53 27	49 20	57 20	64 32	73 42	76 57	69																

DAILY TEMPERATURES

KENTUCKY
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Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
INEZ	MAX MIN	68 42	68 35	61 33	68 25	59 26	58 25	52 25	64 30	55 32	52 34	50 19	60 19	68 23	70 34	80 36	76 43	66 29	66 28	60 24	64 22	66 27	71 26	60 35	51 33	62 40	68 28	71 32	75 38	69 30	38 30	63.2 29.6	
IRVINGTON	MAX MIN	61 40	58 43	56 27	65 27	55 39	54 30	51 22	56 31	51 42	51 26	49 18	56 21	67 38	72 51	76 58	70 53	59 31	60 39	47 27	62 24	65 30	59 42	54 42	49 30	62 31	67 39	71 52	69 58	61 29	36 26	59.0 35.5	
LEITCHFIELD	MAX MIN	60 39	56 42	56 31	63 23	56 26	54 29	48 27	56 30	51 42	51 26	48 23	57 21	65 38	72 48	75 57	68 50	58 34	64 36	48 30	60 25	64 34	62 42	55 44	51 35	60 33	65 39	70 52	69 39	62 36	36 24	58.7 36.3	
LEXINGTON W8 AIRPORT	MAX MIN	57 42	59 39	51 33	60 33	53 35	48 29	47 28	56 28	51 36	37 26	46 23	54 27	64 37	68 48	75 54	64 45	55 36	60 37	43 30	55 25	60 35	66 42	51 35	50 34	57 35	63 48	67 54	67 54	33 20	55.7 35.3		
LONDON FAA AIRPORT	MAX MIN	59 40	66 38	49 28	60 23	50 26	46 24	40 20	53 21	52 44	48 23	49 18	57 21	63 24	71 34	74 40	66 24	57 34	63 29	52 29	61 24	62 27	67 30	51 44	58 39	59 35	64 31	69 37	69 49	60 25	36 22	57.7 30.5	
LOUISVILLE	MAX MIN	61 46		57 34	62 32	53 36	54 42	49 32	56 30	53 40	48 27	49 26	57 27	69 38	74 53	78 63	72 56	68 44	62 33	54 33	52 33	60 33	59 47	53 42	51 34	62 35	67 41	71 56	72 61	62 32	36 26	59.5 39.4	
LOUISVILLE W8 AP	MAX MIN	58 54	56 44	54 38	61 29	56 31	51 34	46 26	55 33	39 33	45 24	51 21	53 21	67 33	71 49	75 56	68 44	55 31	42 33	52 30	62 30	61 33	59 37	53 34	49 30	60 31	65 52	70 71	44 41	35 25	56.0 36.3		
LOVELACEVILLE	MAX MIN	68 35	65 41	60 28	66 26	60 45	57 26	52 23	53 26	53 33	40 20	50 16	58 21	65 36	74 45	75 61	65 50	64 28	60 25	60 24	62 25	67 28	60 38	55 37	59 28	64 28	68 36	72 55	70 53	41 27	60.5 33.2		
MADISONVILLE 1 SE	MAX MIN	64 38	59 41	56 29	65 28	60 44	54 32	51 25	54 29	51 38	49 27	58 38	65 21	75 34	78 51	65 46	74 54	61 31	60 37	56 26	64 25	66 32	59 40	55 44	55 32	61 29	68 33	71 51	72 54	55 26	38 26	59.7 34.7	
MAMMOTH CAVE PARK	MAX MIN	61 39	57 44	53 29	64 28	59 43	53 29	49 24	57 29	53 30	52 25	49 16	56 21	65 35	72 49	76 55	71 57	60 31	63 26	56 21	62 25	63 30	62 39	59 43	52 32	60 30	67 32	70 55	69 51	38 21	59.8 34.8		
MANCHESTER 4 SE	MAX MIN	65 36	69 34	51 30	65 24	57 24	51 29	50 21	60 18	59 33	56 31	53 17	61 20	66 22	74 32	77 35	70 50	62 33	66 26	60 24	65 22	67 25	71 26	65 27	58 28	62 41	65 41	71 53	69 47	40 23	62.5 30.3		
MAYFIELD	MAX MIN	66 38	63 47	57 32	65 30	61 44	55 38	52 25	53 33	51 34	40 22	49 19	56 25	65 42	74 48	78 60	74 53	63 33	61 42	59 28	63 29	67 31	58 40	56 39	62 34	66 42	70 51	73 51	37 29	41 25	60.3 36.6		
MAYSVILLE OAM 33	MAX MIN	59 44	59 41	61 33	53 28	63 33	53 34	49 25	48 22	56 33	52 24	40 32	46 23	55 23	66 25	69 44	76 50	68 32	57 28	63 27	53 27	55 28	62 28	60 28	52 25	58 28	59 31	64 31	69 50	38 27	57.8 31.0		
MIDDOLESBORO	MAX MIN	65 36	68 34	56 32	64 26	58 33	54 25	50 23	56 19	55 33	51 31	55 19	59 26	62 23	72 31	71 34	66 52	64 32	67 27	60 24	62 24	68 26	68 27	62 50	63 46	61 40	62 35	68 41	68 38	44 25	61.4 31.9		
MONTICELLO	MAX MIN	60 43	65 46	52 31	65 26	56 39	52 27	48 23	58 24	55 44	53 29	50 17	58 21	66 28	75 42	77 55	66 54	59 30	65 29	54 27	63 24	66 27	71 32	63 45	58 35	60 31	69 51	72 54	67 33	39 25	61.1 34.5		
MOUNT STERLING	MAX MIN	59 41	64 42	51 33	62 32	55 38	48 32	46 24	56 24	56 40	52 27	47 21	55 22	66 30	68 45	76 51	68 53	68 36	63 35	55 29	56 23	62 32	68 37	62 41	55 32	59 36	65 35	66 44	70 53	29 23	59.3 34.7		
MOUNT VERNON	MAX MIN																																
MURRAY	MAX MIN	67 38	63 48	58 32	57 30	66 30	60 41	57 33	55 33	55 36	40 23	50 30	51 25	61 39	70 43	79 59	73 53	63 31	62 43	55 28	63 29	68 32	61 42	55 41	58 32	68 41	69 53	71 51	54 28	42 24	60.6 36.7		
OWENSBORO 2 W	MAX MIN	63 39	57 38	58 29	65 29	57 45	52 30	53 24	53 30	51 33	40 28	50 20	57 22	63 36	72 49	77 57	71 51	63 31	60 33	56 28	62 27	65 30	52 40	57 45	48 30	62 28	67 38	72 52	58 58	38 26	58.9 35.2		
PAOUCAH FAA AIRPORT	MAX MIN	65 39	60 40	57 32	63 29	56 35	56 34	49 26	51 34	52 30	38 21	49 18	56 23	63 44	73 50	74 59	64 42	59 32	57 24	58 26	62 26	64 33	53 47	54 35	56 43	62 35	67 42	72 50	40 36	39 24	58.0 34.4		
PAOUCAH	MAX MIN	67 39	63 48	60 31	66 29	61 45	57 38	52 25	53 32	52 34	42 23	49 19	59 23	64 36	73 50	76 62	72 51	63 30	60 26	59 25	65 26	67 30	57 40	54 38	58 28	64 31	69 38	72 56	71 55	42 27	60.8 35.3		
PARADISE STEAM PLANT	MAX MIN	53 40	63 38	57 30	60 28	67 30	54 29	59 26	55 27	55 35	52 28	43 20	51 21	61 24	66 42	76 50	78 57	70 30	63 31	65 28	62 27	65 29	67 32	56 45	58 31	48 30	62 30	68 30	72 30	71 29	42 24	60.6 31.7	
PIKEVILLE	MAX MIN	67 44	70 37	59 40	67 30	57 30	50 33	49 26	65 33	59 35	54 25	50 24	62 29	65 30	71 34	79 45	68 46	66 34	70 29	60 30	63 28	68 33	52 46	50 47	48 35	64 40	70 35	73 41	74 39	63 41	41 30	62.5 34.4	
PRINCETON	MAX MIN	66 34	62 44	60 44	67 27	58 40	60 25	54 23	53 27	51 36	44 23	51 17	58 21	64 40	78 51	73 53	73 53	61 29	63 31	58 25	65 25	65 28	56 36	59 42	57 30	64 30	67 33	71 42	76 50	53 25	43 23	61.0 33.8	
RICHMOND	MAX MIN	54 40	60 41	64 31	54 30	61 31	59 32	49 22	46 25	55 27	52 27	37 22	47 22	57 25	65 42	56 50	75 54	65 33	56 33	63 27	48 26	59 33	63 37	67 41	48 33	56 34	68 37	70 42	39 24	57.6 33.3			
RUSSELLVILLE	MAX MIN	68 40	60 45	57 46	64 29	63 37	58 28	50 26	59 32	53 30	40 30	49 23	55 25	65 28	75 37	78 45	75 54	60 30	65 29	56 26	63 26	64 30	63 38	56 45	50 35	57 31	67 38	70 51	62 56	40 25	60.5 35.3		
SCOTTSVILLE	MAX MIN	61 40	58 42	55 29	66 27	55 39	55 29	51 26	57 28	54 35	52 27	50 18	57 25	65 35	74 48	75 54	60 58	61 31	64 35	57 25	64 26	66 31	67 40	58 36	70 47	68 36	71 42	65 35	40 24	60.0 35.5			
SHELBYVILLE	MAX MIN	58 41	58 37	56 31	54 31	60 34	48 34	50 26	47 34	56 28	52 23	40 24	46 24	54 29	65 40	70 50	75 51	65 32	55 26	61 31	41 26	54 31	59 44	59 41	51 32	58 34	63 39	68 53	71 31	33 26	55.5 33.3		
SOMERSET 1 N	MAX MIN	65 40	64 42	52 32	61 25	54 37	49 28	46 26	56 29	54 44	52 28	48 19	64 24	64 27	72 38	74 50	65 53	59 30	64 28	56 27	61 25	64 27	69 32	61 44	57 40	59 36	66 30	69 42	66 48	37 25	59.5 33.3		
SUMMER SHADE	MAX MIN	60 40	61 40	52 40</																													

EVAPORATION AND WIND

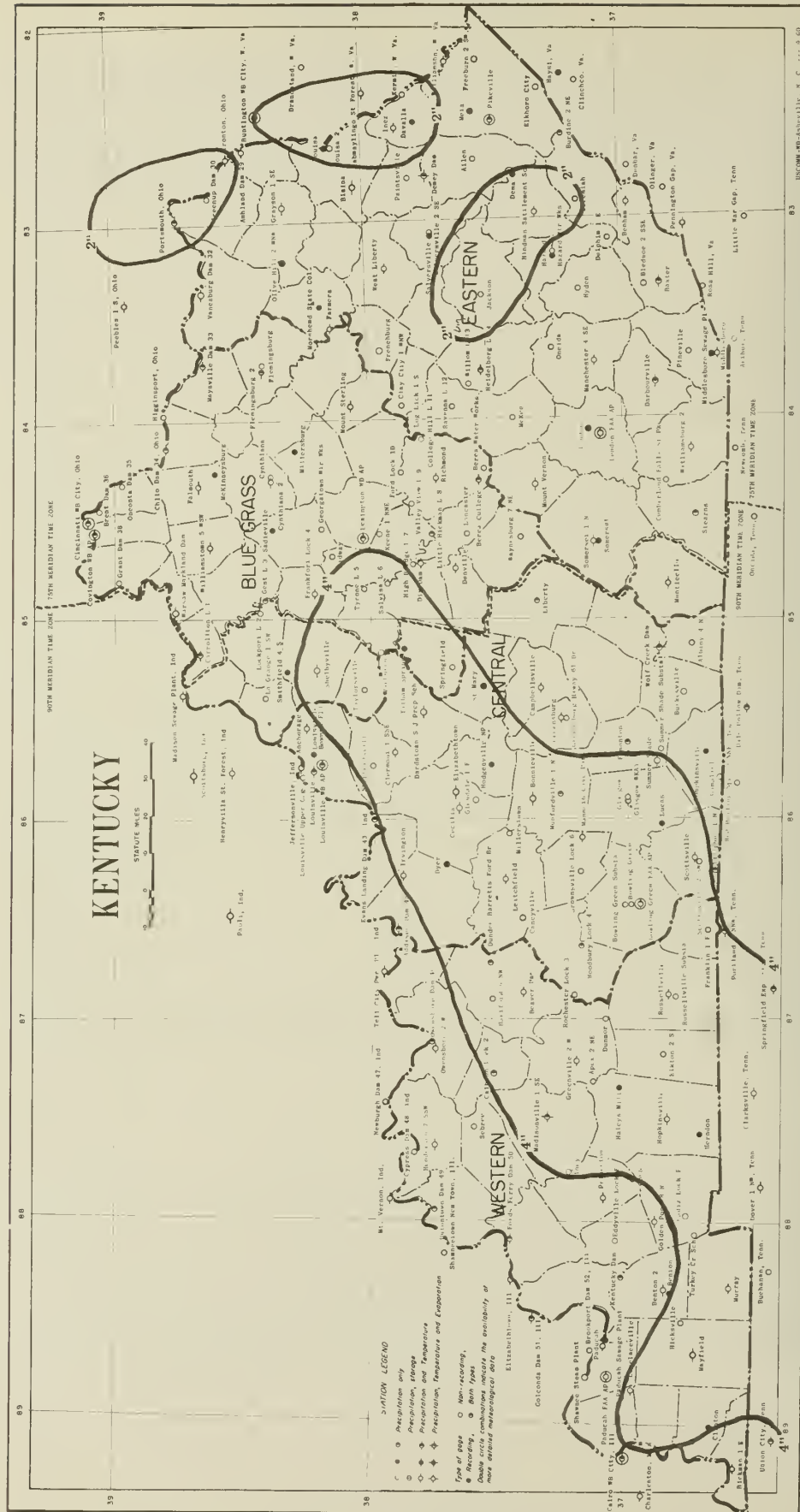
KENTUCKY
NOVEMBER 1960

Station		Day of month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DEWEY DAM	EVAP	.06	.16	.02	.09	.06	.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	WIND	34	52	36	14	10	18	32	3	8	6	7	4	1	4	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WOLF CREEK DAM	EVAP	.19	.01	.04	.05	.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	WIND	0	135	25	6	18	26	51	6	74	51	9	11	11	7	14	69	36	4	26	5	5	5	11	29	10	15	11	30	79	51	831	

See Reference Notes Following Station Index

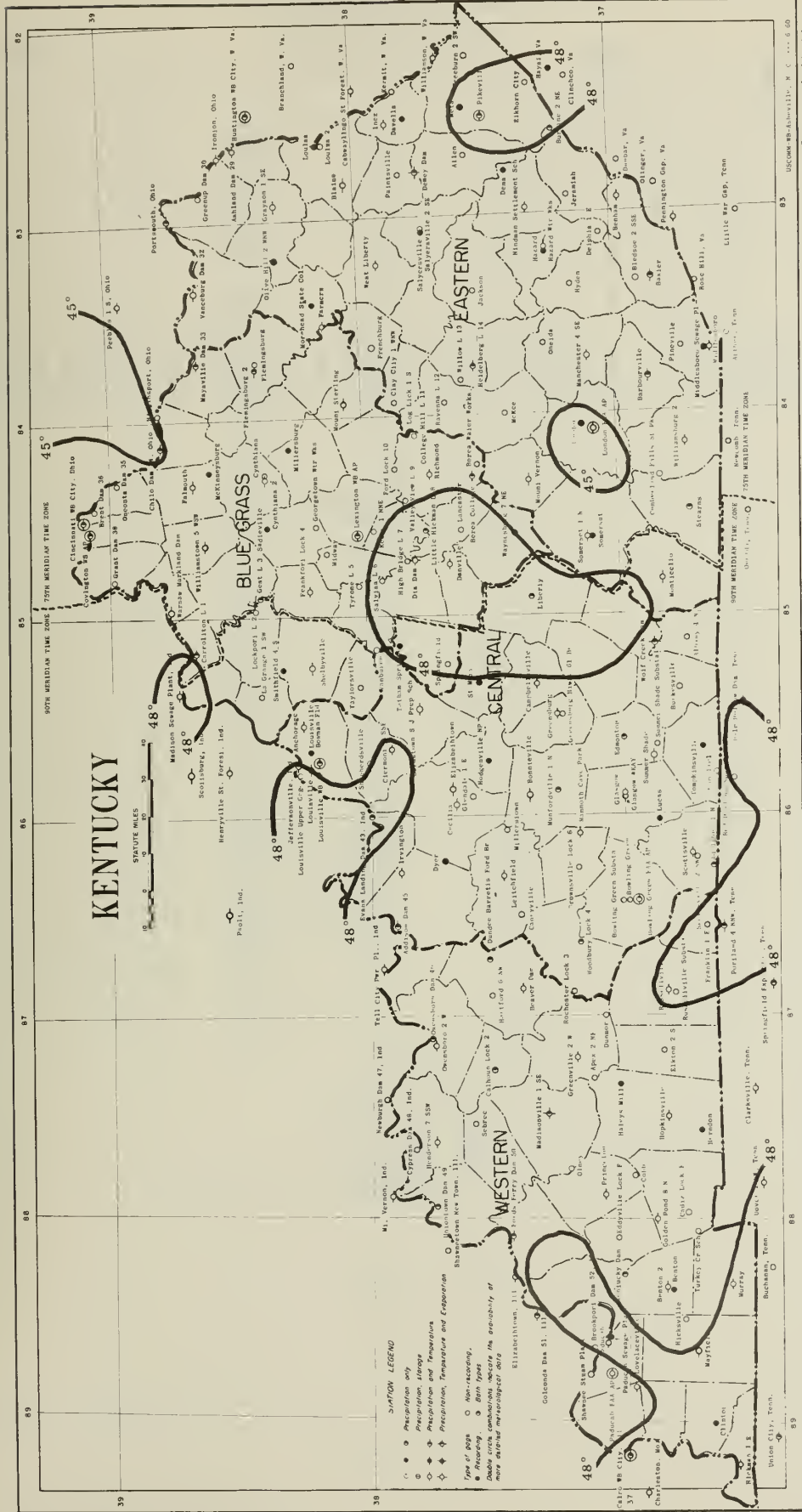
TOTAL PRECIPITATION

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NOVEMBER 1960



AVERAGE TEMPERATURE

KENTUCKY
NOVEMBER 1960



STATION INDEX

KENTUCKY
NOVEMBER 1960

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
							TEMP.	PRECIP.	EVAP.	SPECIAL									TEMP.	PRECIP.	EVAP.	SPECIAL		
ADDISON DAM 45	0031	BRECKINRIDGE	7	37 55	86 34	380	6A	6A			C	CORPS OF ENGINEERS	LITTLE HICKMAN LOCK 8	4825	JESSAMINE	4	37 45	84 35	521	7A		C	CORPS OF ENGINEERS	
ALBANY 4 N	0063	CLINTON	2	38 45	85 08	1000	7A					MRS. BARBARA W. COOL	LOCKPORT LOCK 2	4857	HENRY	4	38 26	84 58	485	6A			C	CORPS OF ENGINEERS
ANCHORAGE	0155	JEFFERSON	7	38 16	85 33	700	7P	7P				CHARLES G. BARRET	LOGLOCK 1 S	4882	CLARK	4	37 51	84 02	773				C	HUBERT BURGER
ASHLAND DAM 29	0254	BOYD	7	38 27	82 36	551	6P					CORPS OF ENGINEERS	LONDON	4893	LAUREL	2	37 28	84 05	1191				C	ANDYVILLE FERTILIZER CO.
BARDOLVILLE	0381	KNOX	2	36 52	83 35	1000	6P				C	UNION COLLEGE	LONDON FAA AP	4898	LAUREL	2	37 05	84 05	1391	MID NIO			C	FED. AVIATION AGENCY
BARTONSTOWN 5 J PREP SCH	0397	NELSON	8	37 48	85 28	631	5P	5P			H	ST. JOSEPH PREP. SCHOOL	LOUISA 2	4946	LAWRENCE	1	38 07	82 36	585	8A			C	HAROLD C. FERGUSON
BARTER	0450	HARLAN	2	36 51	83 20	1164	7A	7A				C. HOMER NOLAN	LOUISVILLE	4949	JEFFERSON	7	38 14	85 46	462	6P	6P		C	LOUISVILLE G. & E. CO.
BEAVER DAM	0490	OHIO	3	37 25	86 52	441	6P	6P			H	E. G. YOUNG	LOUISVILLE BOWMAN FLO	4951	JEFFERSON	7	38 13	85 40	558				C	CORPS OF ENGINEERS
BENHAM	0595	HARLAN	2	36 58	82 57	1585	8A	8A			H	C. C. WHITEAKER	LOUISVILLE WB AP	4954	JEFFERSON	7	38 11	85 44	474	NIO MID			C	U.S. WEATHER BUREAU
BENTON	0611	MARSHALL	9	36 51	88 20	395						JAMES H. MILLER	LOUISVILLE UPPER GAGE	4955	JEFFERSON	7	38 17	85 48	403	6A			C	CORPS OF ENGINEERS
BENTON 2	0615	MARSHALL	9	36 51	88 20	395	5P	5P				RADIO STATION WCLB	LOVELACEVILLE	4967	BALLAR	6	36 58	88 50	370	5P	5P		C	BLAINE MALONE
BERRA COLLEGE	0619	MAISON	4	37 34	84 18	1070	6P	6P			C	JAMES A. GROSSMAN	LUCAS	5002	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
BERRA WATER WORKS	0624	MAISON	4	37 33	84 15	1010	7A					MRS. LAURA B. GABBARD	MADISONVILLE 1 SE	5067	HOPKINS	3	37 19	87 29	439	5P	7A		C	HOMER WELBORN, JR.
BLAINE	0752	LAWRENCE	1	38 02	82 52	890	8A	8A				JOHN LEE BURTON	MAMMOTH CAVE PARK	5097	EDMONSON	3	37 11	86 05	800	5P	1P		C	NATIONAL PARK SERVICE
BONNIEVILLE	0854	HART	3	37 23	85 54	1080	6A	5P				WAYNE O. BERRY	MAMMOTH CAVE 4 SE	5111	CLAY	4	37 06	83 43	850	6P	7A		C	NORA S. WHITE
BOWLING GREEN	0904	WARREN	3	37 00	86 26	536	7A					JAMES R. EDWARDS	MARTIN 1 5SW	5171	FLOYD	1	37 33	82 45	655	7A			C	JAMES O. HUGHES
BOWLING GREEN SUBSTA	0907	WARREN	3	37 01	86 26	470	5A					TVA-639	MAYFIELD	5230	GRAVES	6	36 44	88 39	364	6P	7A		C	MATFIELD ELEC. & WTR. CO.
BOWLING GREEN FAA AP	0909	WARREN	3	36 58	86 26	535	MID	10			H	FED. AVIATION AGENCY	MAYFIELD DAM 33	5291	JACKSON	2	37 26	84 00	1000	8A			C	CORPS OF ENGINEERS
BRENT DAM 36	0978	CAMPBELL	4	37 03	84 25	497	7A					ELORIDGE SKAGGS	MC KEE	5301	PENDLETON	5	38 36	84 16	662				C	RICHARD T. SYDNOR
BROWNVILLE LOCK 6	1046	EDMONSON	3	37 12	86 16	410	7A					CORPS OF ENGINEERS	META	5370	PIKE	1	37 34	82 73	730				C	MRS. EDITH J. SMITH
BROWN 2	1080	PERRY	4	37 21	83 23	936					C	CORPS OF ENGINEERS	MIDDLESBORO	5389	BELL	2	36 37	83 43	1130	5P	7A		C	MRS. LELA M. HERRELL
BURKIN 2 NE	1120	PIKE	1	37 13	82 35	1643	8A					EDWIN E. JOHNSON	MIDDLESBORO SEWAGE PL	5394	BELL	2	36 38	83 43	1130				C	CITY OF MIDDLESBORO
BURKESVILLE	1137	CUMBERLAND	2	36 47	85 22	600	7A					CORPS OF ENGINEERS	NIDWAY	5407	WOODFORD	6	38 09	84 41	-	8A			C	CITY OF MIDWAY
CAID LOCK 2	1201	TRIGG	2	36 46	87 58	384	7A					CORPS OF ENGINEERS	MILLERSBURG	5430	BOURBON	5	38 18	84 09	789				C	CITY WATER WORKS
CALHOUN LOCK 2	1227	MC LEAN	3	37 32	87 16	402	7A					CORPS OF ENGINEERS	MILLERSBURG	5438	GRAYSON	3	37 27	86 03	588	7A			C	H. OVA M. LAWLER
CAMPBELLVILLE	1254	TAYLOR	3	37 20	85 21	771	6P	6P			H	ALVA MC KINLEY	MURRAY	5494	CALLOWAY	9	36 36	88 20	622	6P	7A		C	MURRAY STATE COLLEGE
CANEVILLE	1294	GRAYSON	3	37 25	86 30	600	7A					G. V. COX SR.	MURRAY	5524	WAYNE	84	36 50	84 50	928	6P	7A		C	ALVIN L. BETHAM
CARROLLTON LOCK 1	1343	CARROLL	4	38 41	85 11	480	4P					MRS. BENNIE B. WHITE	MOREHEAD STATE COLLEGE	5555	ROWAN	5	38 11	83 26	770				C	PROF. HENRY C. HAGGAN
CECILIA	1406	HAROLD	8	37 40	85 57	734	7A	7A				WILLIAM S. VERTREES	MOUNT STERLING	5640	MONTGOMERY	5	38 04	83 56	930	5P	5P		C	FRED CARTLIN
CLAY CITY 1 WNW	1576	POWELL	4	37 52	83 56	712	7A					JOEL W. MOUNTZ	MOUNT VERNON	5648	ROCKCASTLE	2	37 21	84 20	1213	8A			C	CITY OF MT. VERNON
CLERMONT 1 SSE	1611	BULLITT	8	37 55	85 40	540	5P	5P				BERNHAM FOUNDATION	MURFORDVILLE	5684	HART	3	37 16	85 53	624	7A			C	SHERMAN C. PUCKETT
CLINTON	1631	HICKMAN	6	36 41	89 00	390	7A					WOODSON G. FRANKLIN	OLIVE HILL 2 WNW	6013	CARTER	7	38 19	83 12	895				C	MURRAY STATE COLLEGE
COBB	1643	CALDWELL	6	36 41	89 00	390	7A					MRS. BENNIE B. WHITE	OLNEY	6020	HOPKINS	7	37 14	87 47	533	8A			C	GEORGE E. BIVALL
COLLEGE HILL LOCK 11	1704	ESTILL	4	37 47	84 06	611	7A					CORPS OF ENGINEERS	ONEIDA	6028	CLAY	4	37 16	83 39	750	7A			C	MELVIE PARLIE NELSON
COVINGTON WB AIRPORT	1855	BOONE	7	39 04	84 40	869	MID	10			C	U.S. WEATHER BUREAU	ONEIDA DAM 35	6093	CAMPBELL	7	38 58	84 18	512	7A			C	CORPS OF ENGINEERS
CUMBERLAND FALLS 57 PK	1969	WHITLEY	2	36 50	84 19	1070	5P					KY. OEP. OF COMS.	ONENBORO 2 SE	6201	DAVIESS	7	37 46	87 09	420	6P	7A		C	VIRGIL D. CLARK
CYNTHIANA	1998	HARLAN	5	38 23	84 18	584	7A					MARSHALL HILL	ONENBORO DAM 46	6096	DAVIESS	7	37 47	87 07	404	6A			C	CORPS OF ENGINEERS
CYNTHIANA 2	2003	HARRISON	5	38 48	84 17	719	8A					KY. CARBONAL DAIRY	PADUCAH FAA AIRPORT	6155	MC CRACKEN	7	37 06	88 37	340	5P	5P		C	WESTERN P. LACEY
DARVILLE	2040	BOYLE	4	37 39	84 46	955	7A	7A				R. P. COLDRON	PADUCAH SEWAGE PLANT	6177	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PADUCAH
DAVALLA	2053	MARTIN	1	37 48	82 32	718						MRS. EVA M. GAVIS	PAINTSVILLE	6136	JOHNSON	1	37 49	82 48	620	7A			C	JESSE FAIRCHILD
DELPHIA 1 E	2132	PERRY	4	37 02	83 07	1647	8A					BALLARD F. WALKER, JR.	PARADISE STEAM PLANT	6155	MUHLBERG	9	37 16	85 40	402	7A	7A		C	U.S. WEATHER BUREAU
DEMA	2139	KNOX	1	37 25	82 48	400						HATTIE B. BARNETT	PARADISE	6155	MUHLBERG	9	37 16	85 40	402	7A	7A		C	FLOYD PARTIN
DEWEY DAM	2180	FLOYD	1	37 45	82 47	653	7A	7A			C	CORPS OF ENGINEERS	PINEVILLE	6304	BELL	2	36 45	83 42	1002	7A			C	ALTON M. HARVILL
DIX DAM	2214	MERCER	4	37 48	84 43	870	7A	7A				PHILLIP O. THACKER	PRINCETON	6575	CALLOWAY	2	37 06	87 53	529	5P	5P		C	CORPS OF ENGINEERS
DUNDEE BARRETS FORD BR	2368	OHIO	3	37 33	86 43	440	7A					JESSE L. HUFF	RAVENNA LOCK 12	6679	ESTILL	4	37 40	83 57	634	7A			C	CORPS OF ENGINEERS
DUNMORE	2368	MUHLBERG	3	37 05	87 00	592	7A					H. D. GIVENS	RICHMOND	6805	MADISON	4	37 44	84 18	1122	8A			C	CORPS OF ENGINEERS
DYER	2391	BRECKINRIDGE	3	37 43	86 13	793	7A					LENA BLAIR	ROCHESTER LOCK 3	6882	OHIO	3	37 13	86 54	401	7A			C	CORPS OF ENGINEERS
LUDYVILLE LOCK F	2445	LYON	2	37 03	88 05	420	7A					CORPS OF ENGINEERS	RUSSELLVILLE	7049	LOGAN	3	36 51	86 53	590	6P	7A		C	MRS. HILDA L. COX
EDMONTON	2469	MCCALFE	3	37 00	85 37	865	7A					RADIO STATION WIEL	RUSSELLVILLE SUBSTA	7054	LOGAN	3	36 50	86 54	576	7A			C	TVA-683
ELIZABETHTOWN	2510	MARION	3	37 41	85 52	739	6P					EDMOND O. BENNETT	SCOTTSVILLE	7074	SCOTT	4	38 23	84 33	791				C	MRS. TRESSIE A. RALSTON
ELKHORN CITY	2528	PIKE	1	37 18	82 21	800	7A					S. RICHARD ANDERSON	SCOTTSVILLE 2 SE	7096	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
ELKTON 2 S	2548	TODD	2	36 47	82 10	520	7A					FRANK H. LAWSON	SCOTTSVILLE 2 SE	7121	WOODFORD	4	37 56	84 49	490	6A			C	CORPS OF ENGINEERS
FALMOUTH	2775	PENDLETON	5	38 40	84 20	560	6P	7A				MRS. C. C. STAMPER	SEARRE	7234	WEBSTER	3	37 36	87 32	350	5A			C	STANLEY GARNER
FARMERS	2791	ROWAN	5	38 10	83 33	839	7A					MRS. ALMYRA B. HALL	SEARRE STEAM PLANT	7311	MC CRACKEN	7	37 09	88 47	345	5A			C	FORREST C. WILLIS
FLEMINGSBURG	2903	FLEMING	5	38 25	83 43	858	7A					WILLIAM H. FISCHER	SHEPHERSVILLE	7324	SHELBY	8	38 13	85 16						

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LNKE

U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

DECEMBER 1960
Volume 55 No. 12



ASHEVILLE: 1961

KENTUCKY - DECEMBER 1960

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 72° on the 5th at Hindman

Lowest Temperature: -12° on the 22nd at Beaver Dam and Princeton

Greatest Total Precipitation: 5.55 inches at Glasgow

Least Total Precipitation: 1.13 inches at Warsaw Markland Dam

Greatest One-Day Precipitation: 2.00 inches on the 21st at Cynthiana 2

Greatest Reported Total Snowfall: 12.5 inches at Covington WB Airport

Greatest Reported Depth of Snow on Ground: 6 inches on the 24th at Grant Dam 38

SPECIAL WEATHER SUMMARY

Several prolonged periods of unusually low temperatures and greater than normal snowfall considerably hampered Kentucky farmers in outdoor activities during this month. Tobacco stripping was considerably delayed by the cold weather and lower than normal humidities, with the snow accumulations and low temperatures requiring an abnormal amount of time for livestock care. Cold weather dominated the final three weeks of the month with temperatures near or above seasonal levels for only two brief two to three day periods after the 11th. Average temperatures for the month were 6.0° below seasonal averages in the western division, 6.6° below in the Central, 7.7° below in the Blue Grass, and 7.9° below in the Eastern Division.

Monthly precipitation was near normal in the Western Division, and less than an inch below seasonal expectancy in the Central and Eastern Divisions; however, the Blue Grass Division precipitation was almost 1-1/2 inches below normal. While snowfall was not of unusual frequency, accumulations of unmelted snow were greater and more frequent than in an average December. Total snowfall at Louisville was among

the ten heaviest for December records, with Covington WB Airport recording their heaviest December snowfall since 1942, and the third heaviest in all December records.

Only isolated locations in the state, chiefly in the southeastern and extreme eastern counties, failed to record below zero minimums during December, 1960, with monthly minimums occurring on the 22nd and 23rd. New daily minimum records were set on two dates at Covington WB Airport, three dates at Lexington, and two dates in Louisville. The -9° minimum at Louisville on December 22nd was the lowest ever recorded in December at that station in records extending back through 1872. Some field work was accomplished during the first ten days of the month, chiefly plowing, with fall pastures providing some grazing during this period. Livestock was on cured feeds the balance of the month with feeding heavy during this period.

O. K. Anderson
Weather Bureau State Climatologist
Lee Terminal, Standiford Field
Louisville 13, Kentucky

CLIMATOLOGICAL DATA

KENTUCKY
DECEMBER 1960

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max		Min.						Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
										32° or Above	32° or Below	32° or Above	32° or Below										
WESTERN																							
BEAVER DAM	42.4	22.3	32.4		63	4	-12	22	1004	0	3	27	2	3.15		.91	11		3	23+	6	3	0
BENTON 2	42.0	23.6M	32.8M		67	4			941	0	3	27	0			1.48	11						1
FOROS FERRY DAM 50	41.0	24.2	32.6		61	4	-2	22	997	0	3	27	1	3.42	.28	1.35	11	5.0	2	24+	6	3	1
GOLDEN POND 8 N	43.7	22.5	33.1		64	4	-11	22	980	0	2	26	2	3.52		1.32	11						2
GREENVILLE 2 W	42.7	23.9	33.3	- 5.2	63	5	0	23	975	0	3	26	1	3.14	-.78	1.26	11						3
HENDERSON 7 SSW	40.2	23.3	31.8	- 5.8	60	4	-5	22	1022	0	5	26	2	3.14	-.49	.75	11	5.5	3	23+	7	2	0
HICKMAN 1 E	43.4	23.4	33.4		62	5	-5	22	973	0	3	27	2	3.68		.88	6						3
HOPKINSVILLE	42.7	20.5	31.6	- 7.4	62	6+	-5	22	1026	0	2	29	2	3.35	-.73	1.38	11	1.8					2
LOVELACEVILLE	42.6	22.8	32.7	- 6.4	63	4	-11	22	995	0	3	26	2	4.33	.34	1.45	11						1
MAISONVILLE 1 SE	42.1	22.9	32.5		61	4	-3	22	1000	0	2	27	2	3.70		1.15	11	4.5	4	23+	8	3	1
MAYFIELD	42.4	24.7	33.6		63	4	-1	23+	968	0	3	25	2	3.73		1.45	11	1.5	2	21	7	3	1
MURRAY	43.7	24.9	34.3	- 5.7	63	4	-1	22	946	0	2	25	1	3.68	-.53	1.25	11		2	31+	7	3	1
OWENSBORO 2 W	40.6	23.2	31.9	- 5.4	61	4	-6	23	1018	0	4	26	2	2.73	-.48	.73	6	4.1	3	24+	5	3	0
PAOUCAH FAA AIRPORT	40.9	22.6	31.8		62	4	-7	22	1022	0	5	27	3	5.51		1.22	6	5.0					1
PAOUCAH	43.6	24.5	34.1		63	4	-2	22	952	0	3	26	1	5.35	1.80	1.60	6	3.5					2
PARADISE STEAM PLANT	43.2	19.0	31.1		62	5	-7	23	1045	0	2	30	3	3.27		1.15	11						1
PRINCETON	42.8	21.5	32.2	- 6.6	64	4	-12	22	1010	0	2	27	2	4.43	.61	1.45	11	1	31		7	4	2
RUSSELLVILLE	43.5	23.9	33.7	- 4.2	66	5	-1	22	961	0	3	27	1	3.12	-1.07	1.23	11						1
DIVISION																							
CENTRAL																							
ADDISON DAM 45	37.4	18.1	27.8		56	6+	-4	24+	1153	0	9	31	2	2.17	-1.25	.87	7		2	24+	5	1	0
ANCHORAGE	39.9	19.3	29.6	- 6.0	66	5	-9	22	1089	0	5	28	2	2.85	-.46	.70	31	9.8	4	23+	6	3	0
BAROSTOWN S J PREP SCH	42.1	19.1	30.6		67	5	-7	22	1059	0	3	28	2	2.80		1.33	6						1
BOWLING GREEN FAA AP	42.2	22.6	32.4	- 6.8	65	5	0	22	999	0	4	28	1	3.60	-.82	1.37	11	2.8	1	31+	7	2	1
CAMPBELLSVILLE	42.6	22.7	32.7		69	5	-2	22	998	0	3	25	1	3.25		1.69	11	2.0	2	21	5	2	1
CECILIA	38.3	17.6	28.0	- 8.5	66	5	-9	23+	1141	0	7	30	2	1.76	-2.10	.81	7	2.0	2	22	3	2	0
CLERMONT 1 SSE	43.6	20.4	32.0		71	5	-10	22	1013	0	3	26	2	2.47		.69	21	4.5	4	21	8	2	0
ELIZABETHTOWN	40.6	22.1	31.4		66	5	-8	22	1034	0	4	24	2	4.30		1.35	21	4.9	4	23+			1
GLASGOW WKAY	42.7	22.5	32.6		69	5	-1	23+	997	0	3	24	2	4.22		1.86	11	2.3	1	23+	6	3	1
GREENSBURG	42.3	17.4	29.9	- 8.3	63	6	-5	23+	1081	0	4	29	3	3.61	-.31	1.80	11	4.0	3	24	5	2	1
IRVINGTON	41.2	22.3	31.8	- 5.8	62	5	-6	22	1026	0	4	26	2	2.60	-.88	.60	6	9.0	4	23+	6	1	0
LEITCHFIELD	41.4	23.4	32.4	- 5.9	64	5	-4	22	1003	0	3	26	1	2.54	-1.54	.90	11		5	24	5	1	0
LOUISVILLE	39.5	23.0	31.3		64	5	-1	22	1042	0	6	27	1	3.16		.67	31	5.0					4
LOUISVILLE WB AP	39.0	20.8	29.9	- 7.0	65	5	-9	22	1078	0	6	28	3	2.88	-.42	.84	31+	9.0	4	21	5	3	0
MAMMOTH CAVE PARK	43.1	22.2	32.7		66	5	-5	22	995	0	3	27	1	5.05		1.70	24	3.5	3	24	6	4	2
SCOTTSVILLE	44.1	23.6	33.9		68	5	-1	22	960	0	3	25	1	3.11		1.14	11	3.0			9	1	1
SUMMER SHADE	43.3	21.6	32.5		69	5	-6	22	1001	0	3	26	2	3.87		1.30	11	3.2	1	24+	8	2	1
WOLF CREEK DAM	43.6	19.4	31.5		70	6	-5	23+	1031	0	4	29	2	3.42		1.06	11	1	24+	6	3	1	1
DIVISION																							
BLUE GRASS																							
BEREA COLLEGE	43.4M	18.8M	31.1M	- 7.5	68	5	-4	23+	1078	0	3	26	3	2.67	-.89	.81	11		5	24	3	3	0
CARROLLTON LOCK 1	40.7	21.4	31.1		66	5	-4	23+	1045	0	3	28	2	1.37	-1.30	.75	21		5	24	3	1	0
COVINGTON WB AIRPORT	37.2	20.3	28.8	- 4.8	62	5	-3	22	1116	0	9	28	3	1.73	-1.10	.46	31	12.5	4	24	4	0	0
CYNTHIANA 2	38.7M	15.7M	27.2M		69	6	-7	23	1167	0	5	30	3	2.65		2.00	21						1
DANVILLE	39.9	19.1	29.5		68	6	-4	22	1093	0	6	29	2	2.24	-1.25	.77	11	4.1	3	24+	5	1	0
OIX DAM	42.5	23.2	32.9		67	5	-1	22	987	0	3	26	1										
FALMOUTH	40.6	18.1	29.4		68	5	-8	22	1098	0	4	30	2	1.77	-1.25	.95	21	3.0	3	24	5	1	0
FLEMINGSBURG 2	38.9	19.1	29.0		67	5	-4	22	1107	0	4	28	2	1.74		.71	21						1
FRANKFORT LOCK 4	40.5	18.0	29.3	- 8.1	68	6	-3	23	1103	0	4	30	3	1.68	-1.49	.52	7	6.0	3	24	5	2	0
LEXINGTON WB AIRPORT	38.5	21.1	29.8	- 6.1	67	5	-3	22	1081	0	5	27	3	1.79	-1.89	.44	20	5.0	1	30+	5	0	0
MAYSVILLE DAM 33	38.8	16.1	27.5	- 8.7	69	6	-5	23+	1155	0	6	30	3	1.71	-1.49	.70	21		3	24+	5	1	0
MOUNT STERLING	41.4	20.6	31.0		67	5	-5	22	1034	0	2	28	2	2.31	-1.23	.61	29						1
RICHMOND	39.7	19.2	29.5		66	6	-5	22	1095	0	7	29	2	2.09		.62	11	4.0	3	24	6	2	0
SHELBYVILLE	38.2	18.1	28.2	- 8.1	66	6	-7	23+	1136	0	5	29	3	1.92	-1.71	.60	21	7.0	4	22+	4	2	0
WARSAW MARKLAND DAM	38.6	19.7	29.2	- 6.8	66	5	-6	22	1104	0	5	28	1	1.13	-1.85	.33	21		4	21	5	0	0
WILLIAMSTOWN 5 WSW	37.5	16.4	27.0	- 8.8	68	6	-7	23+	1170	0	7	30	3	1.54	-1.47	.63	21	5.7	3	24	6	1	0
DIVISION																							
EASTERN																							
ASHLAND DAM 29	40.7	20.3	30.5	- 7.8	64	5	-1	22	1062	0	3	30	0	1.67	-1.15	.57	21	2.5	1	23+	4	1	0
BARBOURVILLE	44.9M	19.5M	32.2M		67	5	-4	22	1018	0	4	29	1	3.51		1.27	11						2
BAXTER	41.9	17.9	29.9		65	6	-1	23+	1080	0	5	31	0	3.02		.95	30						0
BENHAM	42.1	16.8	29.5		66	6	-4	23+	1093	0	5	30	2	3.19		1.04	12	8.0	2	24+	8	3	1
BLAINE 1 W	40.8	14.1	27.5		70	6	-1	22+	1156	0	7	30	3										
DEWEY DAM	41.6	16.2	28.9		66	6	-3	23+	1112	0	6	31	0	2.60		.83	12	1.0	1	22+	5	2	0
FARMERS	43.0	17.7	30.4	- 5.9	69	5	-8	22	1064	0	3	28	2	1.92	-1.39	.74	21	3.6	3	24+	5	2	0
GRAYSON 1 SE	38.2	16.5	27.4		68	6	0	23+	1158	0	9	30	2	1.81		.65	21	.5	1	22+	5	1	0
HEIDELBERG LOCK 14	44.4	17.7	31.1		67	5	-8	22	1045	0	3	29	2	2.75	-.47	.72	21	3.0	3	24	6	4	0
HINDMAN	44.7M	19.0M	31.9M		72	5	-4	22	1026	0	3	29	2	2.64				2.4	1	22+			
INEZ	46.7M	19.2M	33.0M		70	5			987	0			0										
LONDON FAA AIRPORT	40.3	19.4	30.1		65	5	-6	22	1073	0	4	29	2	4.06		1.14	11	3.0	1	25+	8	4	1
MANCHESTER 4 SE	45.1	19.2	32.2		70	5	-6	22	1011	0	3	29	1	3.10		1.20	30		2	22+	5	3	1
MIDDLESBORO	44.4	21.1	32.8		67	5	0	22	991	0	3	28	1	3.29		.93	30	1.8	T	25+	5	3	0
MONTICELLO	43.8	21.6	32.7		67	5	-8	22	993	0	3	26	2	3.23		.89	11	1.5					0

CLIMATOLOGICAL DATA

CONTINUED

KENTUCKY
DECEMBER 1960

Station	Temperature											Precipitation																
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days					Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days						
										Max.		Min.							Total	Departure From Long Term Means	Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
										90° or Above	32° or Below	32° or Below	32° or Below	32° or Below														
										90° or Above	32° or Below	32° or Below	32° or Below	32° or Below														
PIKEVILLE	44.7	22.1	33.4		65	5	3	22	972	0	3	27	0	2	2.56	-.64	.83	29	2.6	2	22	5	2	0				
SOMERSET 1 N	42.8	20.6	31.7		67	5	1	22	1023	0	3	26	2	2	4.76		1.60	11		4	24	6	3	0				
VANCEBURG DAM 32	39.6	19.3	29.5		69	5	1	22	1095	0	5	29	2	2	1.66	1.46	.80	21				4	1	0				
WEST LIBERTY	41.5	14.9	28.2		68	6	3	22	1133	0	6	30	4	2	1.82		.75	21	1.0	1	24+	5	1	0				
WILLIAMSBURG 2	45.8	19.8	32.8	- 7.1	67	6	0	23+	990	0	5	28	2	2	3.39	-.26	1.04	11				6	2	1				
DIVISION			30.8	- 7.9											2.83	-.75			2.6									

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover at sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Midnight CST	6:00 a CST	Noon CST	6:00 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
COVINGTON WB AIRPORT	SSW	21	9.2	23	W	17	67	70	59	65	8	5	4	0	0	0	17	-	6.5
LEXINGTON WB AIRPORT	SSW	16	9.9	-	-	-	76	80	64	74	6	5	5	0	0	0	16	-	5.8
LOUISVILLE WB AIRPORT	SSW	11	8.4	26	W	26	73	79	62	70	7	4	2	3	0	0	16	55	5.7

See Reference Notes Following Station Index

KENTUCKY
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DAILY PRECIPITATION

KENTUCKY
DECEMBER 1960

Continued

Station	Total	Day of Month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
OWENSBORO DAM 46	1.93						.27	.61				.35	.05									.30	T	.05	.02				.01	.08	.20			
PADUCAH FAA AIRPORT	5.51					.86	1.22				.94	.69				T					.46	T								.51	.51	.89		
PADUCAH	5.35					.68	1.60					1.55									T	.41	.02	T						.08	.22	.66	.60	
PAINTSVILLE	2.72						.04		T			.24	.85			.03	.07	T				.51	.02	T	.05					.13	.55			
PARADISE STEAM PLANT	3.27						.17	.57				1.15	.04									.53	.08		T			.08		.13	.55			
PIKEVILLE	2.56	T					.02	.08		T		.82	.35			.02	.01			T	.02	.10		.01	T		.07	T	T	.83	.14	.09		
PINEVILLE	3.57						.11					.79	.40	.03		.03	.05					.46	.04	.02	.03	.05	.05	T		.49	1.02			
PRINCETON	04.43					.08	.70					1.45									.23	1.05	T			.19				.63			0.10	
RAVENNA LOCK 12	1.78						.15					.52										.45								.08	.58			
RICHMOND	2.09						.24		T			.62	.05	.03			T					.52	T	T	.10	T	T			.17	.36			
ROCHESTER LOCK 3	2.72						.16	.49				1.25	.08									.19			.06	T				.13	.36			
RUSSELLVILLE	3.12						.17	.50				1.23	.02	T								.42	T						.46	.32				
RUSSELLVILLE SUBSTA	3.26						.16	.53				1.25	.01									.40		T	.08		.01			.52	.30			
SALVISA LOCK 6	1.93						T	.41				.24	.18	T			T					.55			.02		T	T		.06	.47			
SALYERSVILLE 2 SE	2.60											.36	.78									.56								.19	.71			
SCOTTSVILLE	3.11						.39	.08				1.14									.42	.10		.12	.12				.23	.40			.11	
SCOTTSVILLE 2 SW	3.30							.40				1.12										.68		.05	.05					.65	.35			
SEBREE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SHAWNEE STEAM PLANT	4.83						1.23	.92				1.50	.11									.66			T					T	.41			
SHELBYVILLE	1.92						T	.54				.37	.08	T								.60			.02	T				.06	.25			
SHEPHERDSVILLE	2.08							.60				.50										.84		.02					.12					
SOMERSET 1 N	04.76						.09	.05				1.60	T	0.05		T	T				.30	.47	T	T	0.30				.70	1.20				
SPRINGFIELD	1.93							.47				.66	T									.42												
STEARNS	2.96							.08				.90	.10			.10						.53	.10	T	.05					.45	.65			
SUMMER SHADE	3.87						.30					1.30	T			.05					.38	.12		T	.38				.22	.86			.26	
SUMMER SHADE SUBSTA	3.67							.36				1.15	.08			T	T					.67		.03	.19	.17	T	T		.44	.58			
TAYLORSVILLE	1.43						T	.55				.30		.05																.10	.43			
TURKEY CREEK SCHOOL	3.48						.27	.74				1.08	.12									.53			.04					.39	.31			
TYRONE LOCK 5	1.51						T	.43				.11	.13	T			T					.44		T		T				.06	.34			
UNIONTOWN DAM 49	2.33						.85	.40				.57	.04									.43		T	.02					.02	T			
VALLEY VIEW LOCK 9	1.61						T	.23				.36	.03	T			T	T				.50	T	T	.03	T	T	T		.06	.40			
VANBUREN	1.37							.48				.28	.05									.34		.02			.02			.12				
VANCEBURG DAM 32	01.66	T										.05	.40	T								.80		0.01			.02	.02		.12	.26			.06
WARSAW MARKLAND DAM	1.13							.24				.23	.17				T					.33								.11	.03			
WAYNESBURG 7 NE	3.51							.23				1.08	.21									.74		T	.09		.06			.46	.64			
WEST LIBERTY	1.82	T						.02		T		.25	.20							T		.75								.15	.45			
WILLIAMSBURG 2	3.39							.15				1.04	.22			.09	.04					.43	.02	.01	T	.02		.01		.38	.96			
WILLIAMSTOWN 5 WSW	1.54							.23				.23	.13	T			T					.63		T	.11	T	T	T		T	.21			
WILLOW LOCK 13	2.35							.10				.55	.11			.02						.72	.10	.01	.03	T	T	.02		.12	.57			
WOLF CREEK DAM	3.42							.21				1.06	.19				.08					.65			.06	.05	T			.35	.77			
WOODBURY LOCK 4	2.73						.10	.49				1.18	.03				.03					.21		T	.08	.03				.21	.37			

See reference notes following Station Index

DAILY TEMPERATURES

KENTUCKY
DECEMBER 1960

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AODISON OAM 45	MAX	33	32	40	48	56	56	46	39	30	34	42	35	32	28	38	39	28	32	42	34	38	20	20	32	38	48	52	38	38	34	38	37.4
	MIN	18	14	14	18	32	32	28	20	18	18	18	10	10	12	18	24	22	16	28	10	2	-4	-4	26	26	32	22	24	22	18	18.1	
ANCHORAGE	MAX	37	43	53	58	66	57	47	35	35	43	39	30	26	42	42	36	35	43	37	43	32	16	20	40	49	54	37	35	34	38	35	39.9
	MIN	15	13	20	30	37	46	27	23	15	14	29	17	3	16	31	19	19	14	21	30	2	-9	-8	17	20	34	29	20	25	15	15	19.3
ASHLAND OAM 29	MAX	35	39	53	58	64	53	51	36	34	46	38	36	22	43	40	39	35	39	40	43	43	19	19	39	49	51	40	38	41	39	39	40.7
	MIN	22	14	19	22	25	33	30	24	16	14	31	16	5	13	30	24	18	14	22	23	14	1	6	14	22	30	28	19	32	29	19	20.3
BARBOURVILLE	MAX	35	46	48	63	67	62	54	48	43	50	52	47	26	45	41	38	37	45	43	51	47	23	25			54	37	45	44	40	44.9	
	MIN	15	10	12	18	23	32	42	23	21	16	32	20	5	10	30	24	15	11	18	25	15	-4	7	22			23	34	28	19	19.5	
BAROSTOWN S J PREP SCH	MAX	37	45	55	60	67	61	52	38	36	48	40	35	27	40	41	38	36	44	41	50	44	18	21	41	52	53	37	34	34	43	36	42.1
	MIN	14	10	18	26	38	44	29	18	12	12	30	16	4	14	31	18	18	11	25	26	5	-7	-3	15	22	33	28	17	29	20	19	19.1
BAXTER	MAX	39	35	47	54	60	65	56	53	40	44	52	50	26	25	42	37	34	40	42	40	48	25	21	29	35	48	46	36	42	42	45	41.9
	MIN	18	12	12	15	18	22	32	24	24	16	16	25	8	8	9	29	14	12	14	18	23	1	1	8	22	25	29	23	25	30	22	17.9
BEAVER DAM	MAX	38	45	56	63	62	57	49	36	38	49	43	37	30	39	44	42	36	47	43	46	41	20	24	42	55	53	39	33	33	39	34	42.4
	MIN	18	14	21	32	47	48	31	23	19	16	36	20	12	18	31	22	24	15	21	29	7	-12	-6	19	24	35	30	24	30	20	22	22.3
BENHAM	MAX	36	33	36	56	60	66	61	53	39	40	53	54	23	25	45	41	38	40	43	38	45	24	23	29	35	42	51	34	48	47	48	42.1
	MIN	19	10	10	13	17	22	33	23	22	21	28	16	2	4	8	23	15	12	15	21	20	-4	-4	9	23	23	27	19	19	30	14	16.8
BENTON 2	MAX	36	45	55	67	61	58	44	38	36	46	45	36	33	40	38	38	38	47	43	45	26	21	26	47	59	53	38	35	35	36	37	42.0
	MIN	16	10	18	29	50	36	32	25	18	18	35	21	9	21	28	18	16	12	20	23	10				24	34	30	27	26	22		23.6
BEREA COLLEGE	MAX	35	46	54	61	68		51	41	40	53	48	38	24	44	44	38	38	44	44	53	45	20	22	37	49	52	49	38	43	40	43	43.4
	MIN	15	13	24	35		42	30	25	15	17	32	11	0	15	25	1	22	15	15	15	5	-4	-4				29	19	32	25	21	18.8
BLAINE 1 W	MAX	37	43		55	62	70	55	46	36	40	51	35	26	22	44	41	31	38	42	42	50	25	25	26	26	50	55	35	38	43	44	40.8
	MIN	17	9	11	11	18	18	34	19	13	9	9	21	-1	-1	9	26	13	9	10	20	20	-1	1	1	1	15	18	28	19	19	30	14
BOWLING GREEN FAA AP	MAX	38	48	55	61	65	55	43	42	38	48	48	32	31	36	41	36	39	41	43	51	25	21	33	45	52	53	36	34	35	46	36	42.2
	MIN	20	15	18	26	42	42	28	25	20	18	31	21	15	29	30	23	18	14	26	25	3	0	4	26	21	35	29	25	30	23	20	22.6
CAMPBELLVILLE	MAX	38	45	55	60	69	60	50	40	41	52	45	35	28	39	38	36	37	43	41	51	43	18	21	39	49	52	38	37	40	42	38	42.6
	MIN	16	14	22	28	36	50	32	25	19	18	35	18	8	19	33	21	21	15	24	31	7	-2	3	19	21	38	31	21	33	26	21	22.7
CARROLLTON LOCK 1	MAX	36	41	53	57	66	63	53	40	34	44	43	34	26	42	43	41	35	43	40	37	36	16	17	39	46	51	39	37	36	37	36	40.7
	MIN	19	15	20	29	42	47	30	22	14	14	32	17	4	19	32	22	22	13	29	29	11	-4	-4	16	20	38	28	19	30	20	17	21.4
CECILIA	MAX	34	40	50	59	66	50	45	40	35	34	45	34	28	25	35	39	30	34	41	37	45	18	15	33	39	50	50	35	31	32	38	38.3
	MIN	14	15	20	30	43	30	28	24	18	15	15	16	9	11	20	21	20	12	15	25	5	-9	-9	6	22	22	30	20	20	21	18	17.6
CLERMONT 1 SSE	MAX	38	46	56	62	71	66	51	42	38	50	48	35	29	43	41	40	35	43	46	48	44	19	21	37	51	53	40	37	34	44	43	43.6
	MIN	14	12	19	29	39	47	30	22	14	13	34	19	4	14	35	19	20	12	25	25	9	-10	-6	17	22	39	31	19	31	19	16	20.4
COVINGTON WB AIRPORT	MAX	35	43	51	59	62	56	39	34	33	44	37	24	24	40	40	32	31	40	34	35	22	13	16	37	46	50	32	32	34	37	40	37.2
	MIN	19	21	27	34	43	35	28	23	14	19	21	8	4	18	31	20	22	19	28	22	-1	-3	-2	16	22	31	18	16	27	26	24	20.3
CYNTHIANA 2	MAX	36	36	42	53	59	69	51	42	36	37	45	35	27	24	42	42	31	35	41	39	46	18	15	33	37		50	34	36	36	35	38.7
	MIN	16	11	12	17	25	35	31	20	15	12	21	17	3	4	21	22	15	9	15	26	16	-4	-7	-5		18	27	19	23	24	13	15.7
DANVILLE	MAX	35	35	44	53	60	68	59	41	38	37	49	36	27	23	42	39	31	35	41	41	48	18	17	32	36	48	51	33	40	40	39	39.9
	MIN	18	16	15	26	33	41	31	29	19	17	20	18	5	5	20	20	20	15	15	27	17	-4	-3	1	25	25	30	20	20	27	23	19.1
DEWEY OAM	MAX	34	36	44	55	64	66	57	48	38	40	45	25	25	27	45	41	30	39	43	44	52	35	21	32	40	52	54	35	36	45	42	41.6
	MIN	22	14	12	15	18	21	32	20	12	15	23	3	3	4	10	29	15	10	17	19	23	4	3	8	21	21	24	19	19	31	15	16.2
DIX DAM	MAX	35	44	54	61	67	63	52	41	37	49	48	36	25	42	41	39	36	40	40	48	45	17	19	38	46	54	45	36	41	39	40	42.5
	MIN	17	18	26	30	38	49	30	26	17	18	34	17	5	17	33	20	22	18	29	29	14	-1	2	17	25	39	30	21	32	26	22	23.2
ELIZABETHTOWN	MAX	36	41	51	55	66	58	48	36	35	49	47	38	25	38	39	39	29	40	40	47	39	18	21	41	51	48	38	34	36	41	36	40.6
	MIN	19	12	19	27	38	39	34	24	20	15	32	19	10	2																		

DAILY TEMPERATURES

KENTUCKY
DECEMBER 1960

Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
IRVINGTON	MAX	39	45	54	61	62	56	51	37	36	46	43	35	30	41	41	38	36	45	37	46	40	18	20	40	51	53	38	32	34	39	34	41.2
	MIN	15	14	26	35	46	47	29	24	17	16	35	18	9	20	31	20	22	15	24	28	6	-6	-1	18	27	35	32	22	28	18	20	22.3
LEITCHFIELD	MAX	36	45	56	59	64	58	52	37	36	48	43	35	29	38	41	36	36	45	38	48	42	15	22	41	51	52	38	33	33	42	34	41.4
	MIN	18	18	25	34	45	45	31	27	19	21	34	19	12	18	31	21	22	18	19	30	4	-4	1	18	27	34	30	21	30	32	24	23.4
LEXINGTON WB AIRPORT	MAX	35	43	52	57	67	52	45	36	36	45	39	27	24	39	41	33	33	40	37	47	24	14	20	36	44	50	33	34	36	37	37	38.5
	MIN	18	16	25	32	42	45	28	25	15	17	26	11	5	18	33	21	20	17	27	24	-2	-3	-2	20	26	33	22	19	28	26	23	21.1
LONDON FAA AIRPORT	MAX	35	44	51	60	65	59	48	38	38	51	44	30	21	41	36	34	36	41	39	51	35	16	24	34	49	50	37	37	42	38	42	40.8
	MIN	16	10	14	22	35	41	27	21	18	15	30	15	4	11	31	19	18	12	24	28	0	-6	1	24	18	31	28	22	32	22	17	19.4
LOUISVILLE	MAX	37	45	55	59	64	58	43	34	34	42	42	30	26	41	41	32	35	43	36	42	23	20	22	39	51	52	36	34	33	40	34	39.5
	MIN	19	23	28	35	48	40	33	26	20	23	24	18	12	22	30	23	23	20	30	22	3	-1	2	22	23	31	24	21	25	19	24	23.5
LOUISVILLE WB AP	MAX	37	42	53	59	65	57	42	34	34	42	40	31	25	42	42	31	35	44	36	43	23	16	21	38	50	54	36	34	33	38	33	39.0
	MIN	19	15	22	31	46	39	30	25	17	17	24	17	10	21	30	23	19	15	27	23	0	-9	-2	21	23	34	23	21	25	19	20	20.8
LOVELACEVILLE	MAX	36	46	55	63	57	54	43	39	37	44	44	35	34	40	45	38	40	46	42	44	29	23	30	48	58	57	39	36	35	44	40	42.6
	MIN	18	12	17	40	50	41	32	27	19	18	35	24	12	20	28	21	18	16	23	29	11	-11	-5	26	25	35	31	27	29	18	20	22.8
MADISONVILLE 1 SE	MAX	36	48	55	61	60	56	45	37	37	46	44	38	33	40	45	38	37	46	41	44	33	20	22	44	57	54	40	36	33	43	36	42.4
	MIN	19	16	24	33	47	44	30	26	17	17	37	20	13	22	30	22	21	17	24	29	7	-3	-2	20	25	30	31	25	29	20	20	22.9
MAMMOTH CAVE PARK	MAX	39	46	53	62	66	61	53	41	39	50	45	40	29	35	40	39	38	42	39	51	47	18	22	38	51	54	42	38	36	41	42	43.1
	MIN	11	11	24	31	43	48	30	22	18	15	37	16	7	18	31	17	18	13	27	29	8	-5	1	18	28	42	32	22	32	23	20	22.2
MANCHESTER 4 SE	MAX	37	48	56	62	70	62	54	44	44	55	46	42	21	45	43	39	40	45	43	55	45	22	26	37	51	54	50	35	44	43	40	45.1
	MIN	14	10	12	17	22	32	40	22	21	14	31	20	4	9	27	25	16	11	18	23	12	-6	2	21	26	23	33	22	29	30	16	19.2
MAYFIELD	MAX	35	47	55	63	57	58	45	36	36	47	46	37	34	40	45	40	41	45	43	44	26	21	28	42	59	52	39	37	35	44	38	42.4
	MIN	19	17	25	41	50	44	33	31	20	21	35	23	15	21	29	23	22	21	25	25	11	-1	-1	24	29	35	31	27	29	20	23	24.7
MAYSVILLE OAM 33	MAX	33	37	42	52	59	69	54	41	35	35	44	35	26	23	45	43	30	36	41	38	38	22	17	29	38	47	52	33	38	37	35	38.8
	MIN	18	13	14	18	24	28	33	22	11	11	13	19	5	4	21	23	17	12	12	25	31	-5	-5	-4	19	21	30	17	19	27	16	16.1
MIDDLESBORO	MAX	37	46	53	59	67	56	50	46	46	52	50	49	29	39	38	38	37	43	46	47	43	24	28	35	48	49	50	41	43	47	39	44.4
	MIN	20	11	12	16	23	31	44	24	21	15	31	21	8	9	29	24	16	12	16	27	15	0	9	23	27	28	33	24	36	29	20	21.1
MONTICELLO	MAX	36	47	55	63	67	60	50	41	42	54	59	39	26	42	39	36	39	45	42	54	45	20	23	37	44	54	39	35	43	42	40	43.8
	MIN	16	13	17	24	39	50	36	24	20	17	36	20	7	13	31	23	18	13	26	28	10	-8	-3	20	18	27	32	22	33	29	19	21.6
MOUNT STERLING	MAX	35	42	51	59	67	56	50	38	37	48	44	34	34	43	40	38	36	41	42	47	43	17	18	36	46	50	42	35	38	35	40	41.4
	MIN	15	14	22	28	35	45	29	22	13	15	30	16	3	16	31	21	18	15	27	27	10	-5	-1	15	22	35	28	18	31	25	18	20.6
MURRAY	MAX	36	50	57	63	58	57	47	39	39	50	47	37	35	39	45	40	42	47	43	46	38	22	29	47	60	55	39	35	34	44	36	43.7
	MIN	18	17	25	39	52	40	33	31	19	22	35	22	14	21	31	23	20	20	23	32	10	-1	5	28	27	35	31	27	30	20	23	24.9
OWENSBORO 2 W	MAX	40	44	55	61	55	53	48	37	40	43	41	35	31	40	40	36	37	47	37	42	30	19	21	42	50	50	44	34	34	39	33	40.6
	MIN	19	17	23	35	47	48	31	27	20	20	36	20	14	21	29	21	21	18	27	24	7	-5	-6	19	26	36	29	25	30	19	21	23.2
PAUCAH FAA AIRPORT	MAX	35	45	54	62	56	56	42	36	37	43	42	30	32	40	43	37	39	46	40	44	18	20	35	46	56	53	38	32	36	43	33	40.9
	MIN	19	17	22	42	50	37	30	26	19	20	29	18	14	21	30	23	20	21	25	17	-1	-7	-2	26	29	33	30	27	25	21	21	22.6
PADUCAH	MAX	39	48	57	63	60	56	44	38	40	45	44	38	34	42	45	39	40	48	42	45	29	22	27	47	59	57	42	38	37	45	42	43.6
	MIN	19	15	21	41	51	42	31	27	19	19	37	23	14	27	31	23	21	18	23	28	11	-2	2	26	29	35	31	26	30	19	22	24.5
PARADISE STEAM PLANT	MAX	40	39	50	55	62	60	55	46	38	41	50	52	34	34	39	45	38	40	47	43	46	18	21	36	47	57	54	40	33	36	43	43.2
	MIN	19	14	15	20	32	47	31	25	18	18	21	20	12	14	21	22	19	15	15	25	8	-4	-7	-3	23	27	32	24	25	20	20	19.0
PIKEVILLE	MAX	37	43	53	60	65	56	52	39	44	51	45	40	27	50	40	39	43	43	45	52	46	25	27	44	54	49	49	38	43	43	45	44.7
	MIN	25	15	16	19	23	31	37	25	22	17	32	22	6	8	29	25	18	15	20	24	18	3	8	22	27	33	34	23	34	31	22	22.1
PRINCETON	MAX	40	40	56	64	59	55	45	38	41	43	45	38	36	41	47	40	40	39	40	44	33	24	26	48	59	54	43	36	35	45	34	42.8
	MIN																																

SNOWFALL AND SNOW ON GROUND

KENTUCKY
DECEMBER 1960

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BARDSTOWN S J PREP SCH	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SEAEVER DAM	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BENHAM	SNOWFALL SN ON GND	T	T						T	T		1.0 1	1.0 2	1	.5 1	.5 1	T	T	T	T		2.0 1	1.0 2	.5 2	1.0 2	.5 1	T						1
BEREA COLLEGE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BOWLING GREEN FAA AIRPORT	SNOWFALL SN ON GND												T	T		T					1.0 1	T 1	.2 T	.3 T	.3 T							1 1	
CAMPBELLSVILLE	SNOWFALL SN ON GND												T			T	T				2.0 2			T	T								
COVINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV								T	T	.3 T	.2 T	T	T	T	T	T	T			2.1 3	1.1 3	.5 3	1.4 2	.7 4	3 3	.2 2	T		.2 T	.4 T	5.6 T	
CYNTHIANA	SNOWFALL SN ON GND								T				T	T								2.5 3	3	2	1.0 3	T 2	T			2.0 T			
DANVILLE	SNOWFALL SN ON GND											.2 T	.3 T	T		T	T					2.0 2	.3 2	.3 3	1.0 3	2							
EDDYVILLE LOCK F	SNOWFALL SN ON GND																				3.5 -	-	-	1.0 -	-								
FARMERS	SNOWFALL SN ON GND	T							T	T		.3 T	T	T	T	T	T			T		8.0 3	T 3	T 3	.3 3	T 2	T						
FORDS FERRY DAM 50	SNOWFALL SN ON GND																					2.0 2	2	2.0 2	1.0 2	1	T						
GEST LOCK 3	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HEIDELBERG LOCK 14	SNOWFALL SN ON GND												T	T								2.0 2	T 2		1.0 S	T T	T						
HENDERSON 7 SSW	SNOWFALL SN ON GND																				1.0 1	2.0 S	2	1.0 3	1	T					1.5 2		
HOPKINSVILLE	SNOWFALL SN ON GND																				1.5 -	-	-	.3 2									
IRVINGTON	SNOWFALL SN ON GND												T									4.0 4	4	.5 4	.5 1	T			2.0 1	T	2.0 1		
LEXINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV								T	T		.3 T	T	T	T	T					.4 1	.8 1	T 1	.2 1	.2 1	T			T	.6 1	2.5 T		
LONDON FAA AIRPORT	SNOWFALL SN ON GND											T	T	T	T	1.0 1						1.5 1	1	1	.4 1	1							
LOUISVILLE WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV									T	T	T	T								3.2 4	.3 3	T 3	.7 3	1 3	T		T	1.8 T		3.0 T		
MAMMOTH CAVE PARK	SNOWFALL SN ON GND												T								T	2.0 2	2	2	1.5 3	2			T				
MAYSVILLE DAM 33	SNOWFALL SN ON GND								T			-	T	T	T							-	3	3	3	3	2	T					
MIDDLESBORO	SNOWFALL SN ON GND											.2 T	.2 T	T	T	.4 T	.2					T T	T T	T T	.4 T	.4 T							
MILLERSTOWN	SNOWFALL SN ON GND																					1.5 2	.3 1	1	.5 1	1							
MONTICELLO	SNOWFALL SN ON GND																					1.3 -	.2 1										
MURRAY	SNOWFALL SN ON GND										T											1.5 2	1	1	T							2	
OWENSBORO 2 W	SNOWFALL SN ON GND																					3.0 3	3	.3 3	.3 3	2	T	T	T	T	.5 1		
PADUCAH FAA AIRPORT	SNOWFALL SN ON GND																					3.0 3	T 3	T 3	T 2	1 1						2.0 -	
PAINTSVILLE	SNOWFALL SN ON GND	T							T			T	T	T			T	T				T	1.0 1	T T	T T								
PIKEVILLE	SNOWFALL SN ON GND	T							T			1.0 1					T	T			T	1.5 T	2	.1 1	T T			T					
RUSSELLVILLE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SOMERSET 1 N	SNOWFALL SN ON GND												T	.5 T	T							-	-	-	3.0 4	1	T						
SUMMER SHADE	SNOWFALL SN ON GND												T			T						1.0 1	1	.2 1	2.0 1	T							
WILLIAMSTOWN 5 WSW	SNOWFALL SN ON GND											.5 1	T T	T T		T T						2.0 2	2	2	1.1 3	T 2	T T	T T		T T	2.1 2	1	

See reference notes following Station Index.

CLIMATOLOGICAL DATA

KENTUCKY
DELAYED DATA

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No of Days		
										Max		Min						Total	Max Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										92° or Above	32° or Below	32° or Below	0° or Below										
JUNE 1960	83.4M	58.0M	70.7M		90	22+	49	1	2	2	0	0	0	11.70		3.32	23	.0	0				
AUGUST 1960	89.5M	61.6M	75.6M		97	7	55	15+	0		0	0	0	1.13		.81	19	.0	0		2	1	0

DAILY PRECIPITATION

Station	Day of month																															Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JUNE 1960																																
MT VERNON											*	*	*	2.88		.47	1.63				1.79	T	3.32	.10				.88		.63		11.70
JULY 1960																																
FRENCHBURG	1.22	.02	.87						.68	.75			.02						.02				.63			.08				.47	.02	4.78
AUGUST 1960																																
BENTON 2	.05								.02						T				.81			.25										1.13

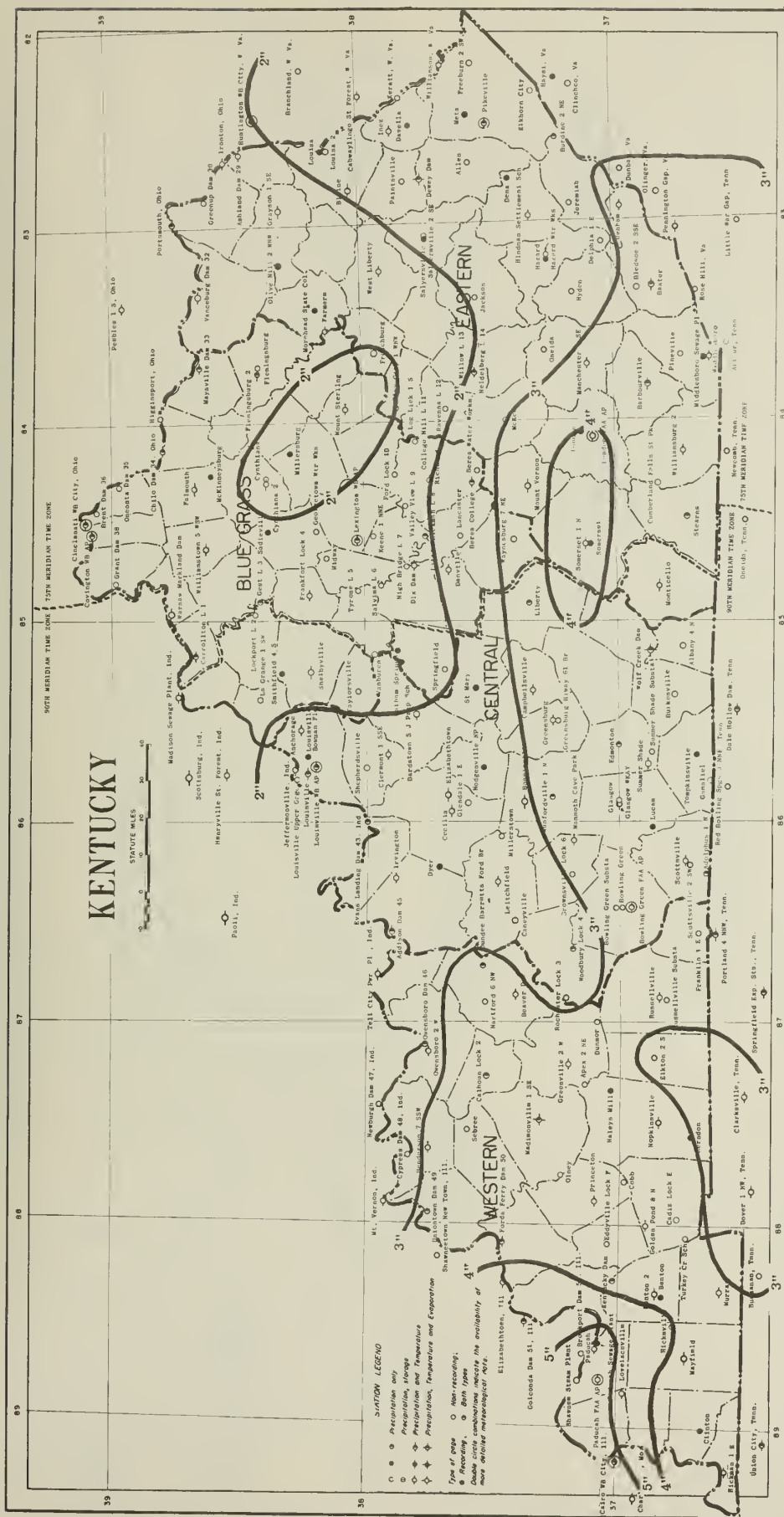
DAILY TEMPERATURES

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JUNE 1960																																	
MT. VERNON	MAX MIN	83 49	80 53	82 60	89 52	89 56	85 50	86 61	80 58							81 55	90 55	69 60	75 50	82 50	88 55	84 64	90 68	87 60	78 58	81 60	82 58	86 64	81 63	86 70	88 62	83.4 58.0	
AUGUST 1960																																	
BENTON 2	MAX MIN	91 60						97 70	93 70	89 69	86 60	83 55	85 55	86 58		94 55	93 60	95 60	95 60	82 64	90 63	88 62	87 61	89 61	89 59	88 59	87 63	88 62	88 62	90 62	92 65	92 64	89.5 61.6

See Reference Notes Following Station Index

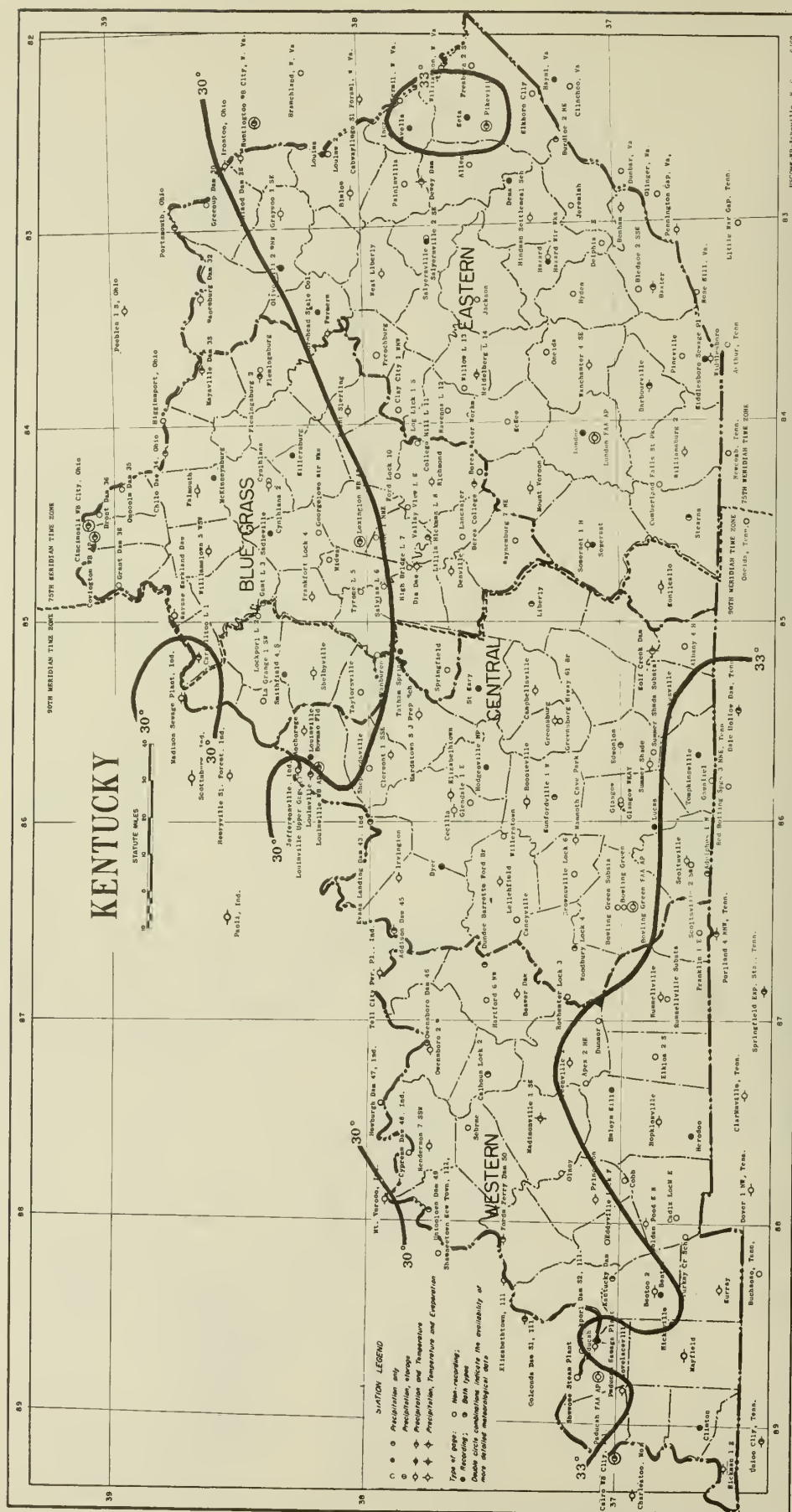
TOTAL PRECIPITATION

KENTUCKY
DECEMBER 1960



AVERAGE TEMPERATURE

KENTUCKY
DECEMBER 1960



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

KENTUCKY
DECEMBER 1960

													OBSERVATION TIME AND TABLES																										OBSERVATION TIME AND TABLES																									
STATION		INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION		INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION		INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER																										
								TEMP.	PRECIP.	EVAP.	SPECIAL										TEMP.	PRECIP.	EVAP.	SPECIAL									TEMP.	PRECIP.	EVAP.	SPECIAL																												

1-BIG SANDY; 2-CUMBERLAND; 3-GREEN; 4-KENTUCKY; 5-LICKING; 6-MISSISSIPPI; 7-OHIO; 8-SALT; 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The station index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

/ Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

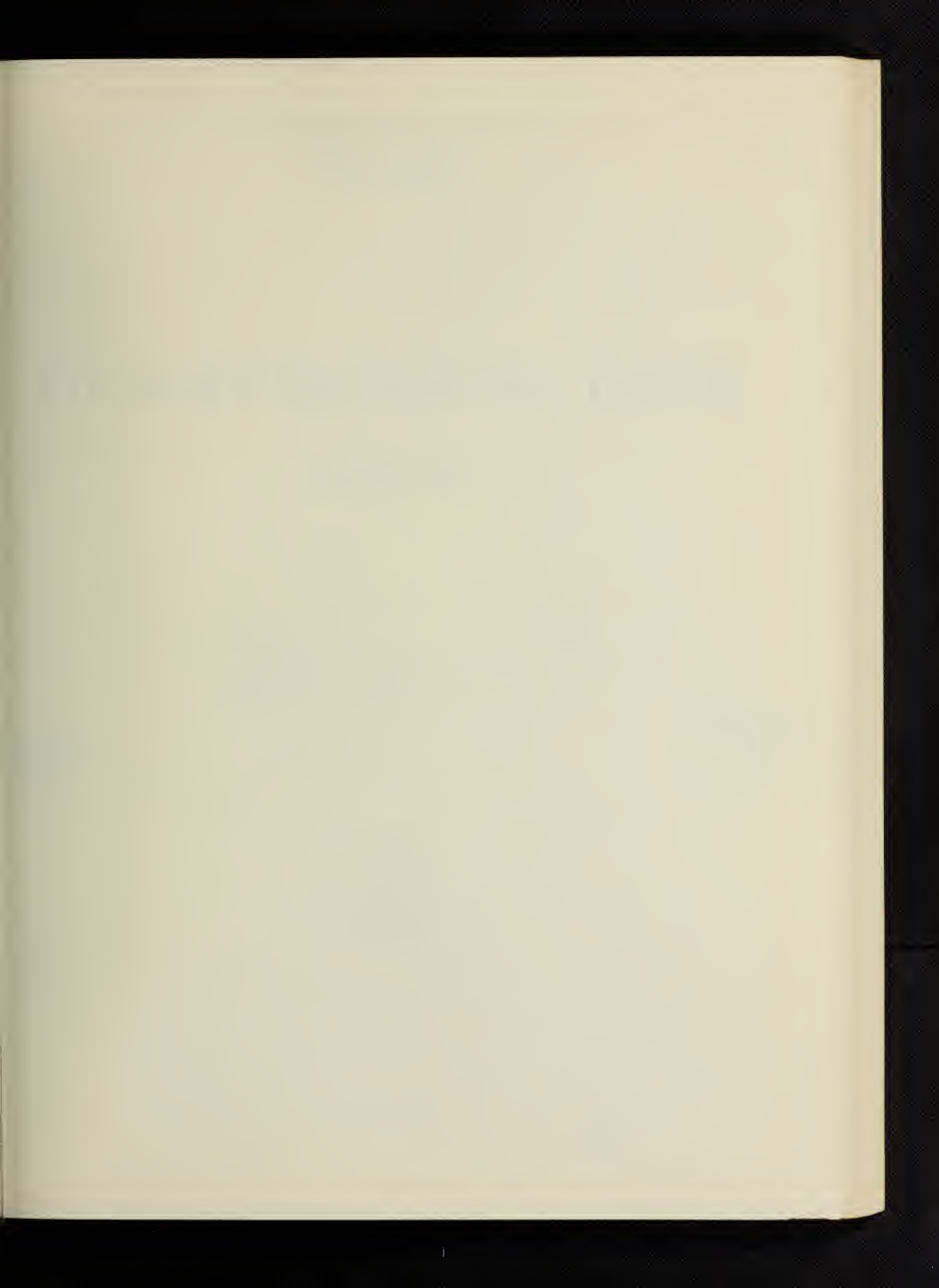
X Observation time is 1:00 a.m., EST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.



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LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

ANNUAL SUMMARY 1960

Volume 55 No. 13



ASHEVILLE: 1961

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AVERAGE TEMPERATURES AND DEPARTURES FROM LONG-TERM MEANS

KENTUCKY
1960

Table 1

STATION	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
AODISON DAM 45	35.8		33.0		32.8M		59.0		62.3		72.6		73.4		75.1		68.4M		55.1		41.8		27.8		53.1	
ANCHORAGE	36.3	1.5	32.7	- 3.8	30.9	-13.4	58.0	3.7	60.6	- 3.0	70.6	- 2.0	73.4	- 2.7	75.3	- 1.3	69.7	1.3	58.2	- 5	45.5	1.1	29.6	- 6.0	53.4	- 1.9
ASHLAND OAM 29	38.9	1.2	34.8	- 3.8	34.1	-11.9	59.8	3.6	62.5	- 2.8	72.0	- 1.9	74.4	- 2.7	77.1	1.3	70.6	.7	58.8M	- 1	46.7	.1	30.5	- 7.8	55.0	- 2.0
BARBOURVILLE	40.1M		35.2		33.8		59.9M		62.8		72.3		74.0		76.1		70.5		60.6M		47.6		32.2M		56.7	
BARSTOWN S J PREP SCH	38.0		34.8M		31.6		60.8		62.8		72.3		74.0		75.7		70.5		58.7		45.7		30.6		53.8	
BAXTER	37.3		34.5		31.5		55.5		60.8		70.7		74.5		75.9		70.9		59.6		44.8		29.9		53.8	
BEAVER OAM	39.0M		34.9		32.9		61.3		63.2		73.2		75.1		75.1		69.3		58.6		44.9		29.5		53.3	
BENHAM	36.9		33.6		31.3		56.6		60.0		70.1		73.1		75.1		69.3		58.6		44.9		29.5		53.3	
BENTON 2	38.5M		36.1M		32.4M		58.5M		61.6M		73.6		75.4		75.6M		69.8M		58.6M		46.5M		32.8M		55.0	
BEREA COLLEGE	38.7	.5	34.0M	- 5.3	31.2	-15.8	61.6	4.8	62.6	- 2.9	70.3	- 3.6	74.0	- 3.0	75.8	.0	69.4M	- .4	59.2	- 1	47.9M	1.5	31.1M	- 7.5	54.7	- 2.6
BLAINE 1 W																										
BONNIEVILLE	37.2		34.0		31.8		57.9		60.7		68.4M		70.9M		74.3		M		54.6M		43.8		27.5		53.1	
BOWLING GREEN FAA AP																										
CAMPBELLVILLE	37.9	- .8	33.5	- 7.0	32.6	-15.9	58.9	.6	63.0	- 4.3	73.9	- 2.5	76.9	- 2.5	78.8	.8	72.4	.8	59.6	- .6	45.5	- 1.8	32.4	- 6.8	55.5	- 3.3
CARROLLTON LOCK 1	38.3		34.2		33.0		60.4		63.1		73.2		75.7		77.2		71.8		60.8		47.8		32.7		55.7	
	37.0		33.7		31.8		59.3		61.5		71.5		74.0		76.4		70.7		58.6		47.9		31.1		54.5	
CECILIA							57.3	1.8	61.2	- 3.5	71.2	- 2.6	74.4	- 2.6	76.2	.7	69.4	.0	56.4	- 1.9	42.8	- 2.2	28.0	- 8.5	55.9	- .5
CLERMONT 1 SSE	38.6		34.7		32.9		60.7		63.1		73.0		75.9M		78.4		72.3		60.6		48.5		32.0		55.9	
COVINGTON WB AIRPORT	34.5	2.7	30.6	- 3.3	29.7	-12.0	57.7	5.6	60.9	- 1.6	70.9	- .9	74.4	- .7	76.3	2.8	70.5	3.2	57.1	1.1	46.1	2.7	28.8	- 4.8	53.1	- .5
CYNTIANA 2	35.0		29.6		28.4		56.3		59.9		70.6		73.1		75.3		69.6		56.7		43.8		27.2M		52.2	
OWANVILLE	35.2		30.6		29.2		57.4		61.0		70.1		72.9		74.7		68.1		56.8		45.5		29.5		52.6	
DEWEY DAM	37.0		34.1		31.9		56.3		61.6		70.2		73.7		75.1		68.1M		59.2		45.7		28.9		53.3	
DIX OAM	38.1		33.3		31.7		60.4		62.5		72.7		74.9		77.4		70.8		59.8		46.7		31.4		55.1	
ELIZABETHTOWN	38.6		34.8		32.1		59.9		62.2		72.7		74.9		77.4		70.8		59.8		46.7		31.4		55.1	
FALMOUTH	36.4		32.2		31.2		58.3		60.8		70.9		74.0		76.5		70.4		58.1M		46.2M		29.4		53.7	
FARMERS	37.5	.7	32.5	- 5.4	31.4M	-14.1	58.5	3.3	61.6	- 2.8	70.7	- 1.9	73.7	- 2.0	76.0	1.9	70.4	2.4	58.3	1.3	46.2	1.2	30.4	- 5.9	53.9	- 1.8
FLEMINGSBURG 2	35.3		31.2		31.0M		58.6		61.1		70.5		72.9		76.3		69.4		57.0		45.1		29.0		53.1	
FORDS PERRY DAM 50	38.5		35.2		33.1		61.3		64.3		74.8		76.8		79.3		74.0		61.3		47.9		32.6		56.6	
FRANKFORT LOCK 4	35.9	- .7	31.5	- 6.4	28.8	-16.6	55.7	.7	60.6	- 3.9	70.6	- 3.6	73.9	- 3.8	76.1	- .1	69.7	- 1	58.0	- .5	45.9	- 1	29.3	- 8.1	53.0	- 3.6
GLASGOW WKAY	38.1		34.1		32.6		59.8		62.2		72.7		75.2		76.8		69.8		59.0		47.2		32.6		55.0	
GOLDEN POND 8 N	39.0		36.2		33.9		61.0		63.2		73.6		75.3		78.5		72.2		60.3		46.9		33.1		56.1	
GRAYSON 1 SE	35.9M		31.0		29.5M		56.3		60.5		69.0		73.0		76.0		68.5		56.0		44.4		27.4		52.3	
GREENSBURG	36.8	- .8	32.6	- 6.6	31.6	-15.2	57.9	1.3	62.6	- 2.9	72.0	- 2.5	75.4	- 2.2	77.1	1.0	70.8	1.1	59.1	1.0	45.8	.0	29.9	- 8.3	54.3	- 2.8
GREENVILLE 2 W	37.9	.4	35.2	- 4.4	33.0	-14.5	60.6	3.9	63.0M	- 2.4	73.2	- 1.4	75.5M	- 2.4	78.0	1.3	72.2	2.1	60.7	1.6	47.9	1.1	33.3	- 5.2	55.9	- 1.7
HEIDELBERG LOCK 14	38.3		34.1		32.9		58.8		62.3		71.5		74.7		76.9		70.2		60.1		46.1		31.1		54.7	
HENDERSON 7 SSW	37.7	.2	34.7	- 4.1	32.2	-14.6	59.7	2.8	63.3	- 2.8	73.7	- 2.0	76.0	- 2.9	77.8	.5	73.2	2.5	59.9	- 2	47.2	.6	31.8	- 5.8	55.6	- 2.1
HICKMAN 1 E	38.3		37.0		34.5		60.1		65.0		75.0		78.0		79.0		73.8		60.2		47.3		33.4		56.8	
HINDMAN	34.2M		31.0		30.9		54.8		60.2		69.0		73.6M		76.0		69.6M		58.1M		46.5M		31.9M		55.8	- 2.5
HOPKINSVILLE	37.0	- 1.1	35.0	- 5.2	32.4	-15.5	60.1	2.4	64.0	- 2.6	74.1	- 1.5	76.7	- 2.1	78.1	.3	73.3	2.1	60.9	.8	46.3	- .7	31.6	- 7.4	55.8	- 2.5
INEZ	38.8		35.5M		34.1		59.4		63.3		71.4		74.1		76.0		71.3		59.0		46.4		33.0M		55.2	
IRVINGTON	38.0	1.3	34.3	- 4.3	31.9	-14.6	60.8	4.2	63.0	- 2.6	73.2	- 1.3	75.6	- 2.3	78.5	2.1	72.3	2.2	59.5	.3	47.3	1.2	31.8	- 5.8	55.5	- 1.7
LEITCHFIELD	38.0	.6	34.3	- 4.9	32.7	-14.3	60.7	3.9	63.4	- 2.4	72.6	- 2.0	75.8	- 2.1	78.9	2.3	72.6	2.3	60.5	1.0	47.5	.9	32.4	- 5.9	55.8	- 1.7
LEXINGTON WB AIRPORT	35.9	2.0	31.0	- 5.0	29.7	-14.6	58.1	3.6	61.6	- 2.5	71.4	- 1.6	74.7	- 1.9	76.7	1.7	70.5	1.0	58.7	.8	45.5	.7	29.8	- 6.1	53.6	- 1.8
LONDON FAA AIRPORT	35.9		31.2		29.7		56.9		60.7		69.9		72.9		75.3		68.2		58.1		44.1		30.1		53.5	
LOUISVILLE	37.6		34.5		32.8		61.7		64.1		71.0		73.6		76.0		68.2		58.1		44.1		30.1		53.5	
LOUISVILLE WB AP	38.0	3.1	33.8	- 3.4	32.5	-13.1	60.6	4.6	63.9	- 1.4	71.0	- 3.2	74.2	- 3.7	76.9	.8	70.5	.3	57.5	- 1.1	45.0	- .7	29.9	- 7.0	54.5	- 2.0
LOVELACEVILLE																										
MADISONVILLE 1 SE	38.1	.0	36.3	- 4.3	34.3	-14.4	60.4	2.0	64.2	- 2.9	74.0	- 2.4	76.9	- 2.4	79.3	.9	73.7	2.3	60.9	.1	46.9	- .5	32.7	- 6.4	56.5	- 2.5
MAMMOTH CAVE PARK	38.1		35.9		32.7		61.2		63.6		73.3M		76.0		78.7		72.7		60.6		47.2		32.5		55.1	
MANCHESTER 4 SE	37.8		34.4		33.0		61.3		63.1		71.4		73.9		75.7		70.7		59.3		47.3		32.7		55.1	
MAYFIELD	39.1		35.5		33.0M		58.2		62.9M		71.5		74.1		76.7		71.1		60.2		46.4		32.2		55.2	
	38.6		36.2		34.9		61.0		64.5		74.3		77.2		79.6		74.0		61.1		48.5		33.6		56.9	
MAYSVILLE DAM 33	34.6	- 1.1	30.3	- 6.2	28.5	-15.6	55.3	1.2	59.1	- 4.3	68.8	- 4.0	72.0	- 4.3	74.4	- .3	68.6	.3								

TOTAL PRECIPITATION AND DEPARTURES FROM LONG-TERM MEANS

KENTUCKY
1960

TABLE 2

STATION	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ADDISON DAM 45	3.11	-1.70	3.68	.03	2.92	-2.29	2.03	-2.00	4.16	.19	4.96	1.23	1.03	-2.48	1.92	-1.32	2.53	-.73	1.41	-.99	3.41	.27	2.17	-1.25	33.33	-11.04
ALBANY 4 N	2.72		5.27		4.76		.66		3.40		10.32		3.45		5.22		2.86		1.81		3.06		3.82		47.35	
ANCHORAGE	2.25	-2.25	4.58	1.68	2.31	-2.56	1.58	-2.51	4.95	.93	10.89	6.86	3.50	-.17	3.44	-.10	2.10	-.93	1.92	-.62	3.88	.75	2.85	-.46	44.25	.62
APEX 2 NE	2.73		2.81		2.84		2.66		1.90		8.81		1.91		3.65	.16	3.27	.65	1.78	-.08	2.05	-.68	1.67	-1.15	34.57	-5.49
ASHLAND DAM 29	2.44	-1.49	3.89	1.01	1.56	-2.82	1.43	-1.99	3.45	-.43	5.14	1.14	4.24	.19	3.65	.16	3.27	.65	1.78	-.08	2.05	-.68	1.67	-1.15	34.57	-5.49
BARBOURVILLE	2.59		2.94		E4.28		2.08		3.54		8.88		5.02		4.74		4.07		3.16		2.04		3.51		E46.85	
BARDSTOWN S J PREP SCH	2.74		E3.25		2.34		1.66		3.76		6.35		1.55		3.22		5.63		2.80		3.75		2.80		E39.62	
BAXTER	2.39		3.59		4.15		1.39		3.19		5.87		6.64		5.78		4.51		2.78		2.56		3.02		46.34	
BEAVER OAM	2.39		3.79		2.60		1.63		3.47		6.06		1.77		2.33		1.79		1.25		4.45		3.15		34.68	
BENHAM	3.58		5.07		4.87		1.75		3.12		4.47		5.29		5.34		5.24		2.57		2.58		3.19		47.07	
BENTON 2	E2.78		3.07		E3.57		2.86		4.69		5.50		.30		E1.60		1.23		2.28		3.31		E3.45		E34.64	
BERRY COLLEGE	3.22	-1.86	3.95	.31	2.88	-2.08	1.37	-2.44	3.36	-.47	7.97	3.17	2.43	-2.56	7.44		2.90	.14	2.79	.58	1.63	-1.65	2.67	-.89	42.61	-4.48
BEREA WATER WORKS	2.76		5.28		3.45		1.13		3.51		7.38		4.68		8.41		3.65		2.78		2.81		2.92		48.76	
BLAINE 1 W	2.49		E4.15		E2.92		1.00		3.56		4.29		5.92		2.00		2.97		2.90		2.34		E2.39		E36.98	
BONNIEVILLE	-		E3.55				1.27		2.56				-		-		-		-		-		-		-	
BOWLING GREEN	2.41		E4.31		4.57		1.43		2.28		7.74		1.48		1.59		3.77		1.17		4.51		3.58		E38.84	
BOWLING GREEN SUBSTA	2.98		4.17		4.97		1.44		1.65		7.99		1.97		1.48		3.47		1.40		4.58		3.30		39.40	
BOWLING GREEN FAA AP	2.26	-3.56	4.04	.01	5.05	-.58	1.36	-2.68	1.73	-2.08	6.94	3.00	2.75	-1.52	3.64	-.07	3.01	-.18	1.25	-1.09	4.20	.73	3.60	-.82	39.83	-8.84
BRENT OAM 36	2.68	-1.12	3.06	.23	1.12	-3.21	1.00	-2.53	4.71	1.27	6.16	2.03	2.51	-1.00	5.52	2.20	2.01	-.87	3.30	1.10	2.70	-.13	1.19	-1.51	35.96	-3.54
BROWNVILLE LOCK 6	2.23	-2.30	4.23	.12	4.30	-1.09	1.11	-3.01	2.29	-1.43	7.31	2.99	1.50	-2.52	2.24	-1.95	4.50	1.18	1.60	-.91	4.19	.54	E2.97	-1.23	E39.47	-9.61
BURDINE 2 NE	E2.65		E4.65		E3.20		1.67		2.78		E2.66		E5.17		2.22		3.70		2.83		1.95		2.85		E36.33	
BURKESVILLE	2.85		4.54		4.21		1.36		2.69		7.98		3.06		4.93		2.09		E1.81		E3.26		3.56		E42.34	
CADIZ LOCK E	2.59		2.30		4.13		2.99		2.34		8.71		4.00		3.88		1.46		2.92		4.82		3.62		43.76	
CALHOUN LOCK 2	2.36		2.97		2.20		3.31		2.81		3.61		2.41		2.90		1.24		1.71		3.97		3.34		32.83	
CAMPBELLVILLE	2.79		4.38		3.70		1.71		2.14		9.38		2.39		2.89		3.76		1.66		3.45		3.25		41.50	
CANEVILLE	2.57		4.28		3.19		1.95		2.93		8.10		2.50		.92		6.88		2.04		5.59		2.63		43.58	
CARROLLTON LOCK 1	2.47	-1.56	4.07	1.24	1.20	-3.36	.82	-2.93	3.31	.02	13.12	9.28	4.00	.57	1.23	-2.37	2.69	-.20	2.48	.16	2.87	-.09	1.37	-1.30	39.63	-.54
CECILIA	2.46	-.92	3.49	.86	1.14	-2.90	1.32	-2.27	3.22	-.23	6.16	2.12	3.66	-.02	4.01	1.31	4.20	-.19	2.67	.30	2.81	.92	1.76	-2.10	40.07	
CLAY CITY 1 WNW	2.34		4.37		2.03		.94		3.96		6.78		4.09	-.23	4.05		4.79		2.67		2.15		1.90		40.07	
CLERMONT 1 SSE	2.96		4.74		2.58		1.41		2.75		9.12		.84		2.67		3.59		2.38		4.37		2.47		39.88	
COBB	3.02		2.18		3.55		2.85		2.75		10.61		3.47		1.61		1.55		.99		3.80		3.36		39.77	
COLLEGE HILL LOCK 11	2.60	-2.01	4.20	.79	2.25	-2.42	.70	-2.79	4.27	.62	6.56	2.30	3.15	-.60	5.21	1.07	4.10	1.38	2.98	1.01	2.33	-.84	1.78	-1.57	42.41	-1.77
COVINGTON WB AIRPORT	2.48	-.92	3.49	.86	1.14	-2.90	1.32	-2.27	3.22	-.23	6.16	2.12	3.15	-.60	5.21	1.87	1.07	-1.90	4.00	1.83	2.33	-.70	1.73	-1.10	35.30	-3.94
CUMBERLAND FALLS ST PK	E2.90		E4.85		E4.41		1.67		3.51		9.00		4.99		2.22		2.73		3.86		2.74		3.59		E46.47	
CYNTHIANA	2.64	-1.69	4.94	1.86	1.97	-2.92	1.54	-2.34	3.46	.13	7.16	3.48	5.12	1.51	3.38	.08	4.59	1.91	2.22	.28	3.03	-.09	1.51	-1.48	41.56	.73
CYNTHIANA 2	E2.89		E4.46		E2.51		1.96		3.66		7.36		4.94		3.33		4.96		2.26		3.16		2.65		E44.14	
DANVILLE	2.36	-2.92	4.83	1.07	2.82	-2.05	1.29	-2.51	3.59	-.55	7.35	2.75	2.13	-2.19	6.24	2.34	4.20	1.20	1.93	-.23	2.93	-.29	2.24	-1.25	41.91	-4.63
DELPHIA 1 E	E3.22		E4.22		E4.07		E1.39		3.70		5.99		5.67		4.82		6.65		1.66		2.12		E2.62		E46.13	
DEWEY OAM	3.01		4.10		2.68		1.85		3.19		4.46		5.87		6.30		2.93		3.50		1.95		2.60		E2.44	
DIX DAM	2.25		3.79		1.91		1.25		3.28		7.86		1.43		5.39		4.60		1.57		3.40		E1.53		E38.26	
DUNDEE BARRETT'S FORD 8	2.97		E4.34		3.63		2.03		3.78		5.30		1.78		2.57		2.49		1.83		4.99		3.28		E38.99	
DUNMORE	2.41		3.52		3.39		3.12		2.13		12.41		2.69		5.73		3.75		2.39		4.99		3.05		49.58	
EDDYVILLE LOCK F	2.59		2.96		3.16		3.95		3.24		5.97		1.53		4.17		2.53		1.40		3.85		3.66		39.01	
EDMONTON	2.56		4.03		3.84		1.32		3.76		8.23		3.14		3.38		3.61		1.77		3.38		3.56		42.58	
ELIZABETHTOWN	2.85		5.94		3.45		1.54		2.85		6.93		1.22		4.78		5.61		2.56		4.74		4.30		46.77	
ELKHORN CITY	3.87		4.00		3.95		2.56		3.29		4.62		6.80		2.80		3.48		4.88		2.08		3.01		45.34	
ELKTON 2 S	3.27		2.74		3.76		3.09		2.13		7.03		3.03		1.32		1.85		1.56		4.06		2.68		36.52	
FALMOUTH	2.93	-1.09	4.13	1.06	1.60	-3.31	1.34	-2.61	4.33	.57	8.86	.71	4.39	.38	1.03	-2.11	1.71	-1.03	2.39	.22	2.91	-.39	1.77	-1.25	33.39	-8.85
FARMERS	2.66	-2.02	3.15	1.69	2.31	-2.61	.85	-3.05	3.68	.16	5.97	1.54	5.44	.89	3.95	-.23	3.35	.31	3.57	1.37	2.49	-.68	1.92	-1.39	41.84	-.402

TOTAL PRECIPITATION AND DEPARTURES FROM LONG-TERM MEANS

KENTUCKY
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TABLE 2 - CONTINUED

STATION	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
MCKEE	3.48		2.25		3.76		1.16		4.34		10.57		4.84		3.73		2.70		2.61		3.51		3.38		46.33	
MIDDLESBORD	3.27		3.91		4.90		1.86		3.49		7.79		4.75		3.45		6.00		2.79		2.79		3.29		48.29	
MIDWAY	3.73		4.58		2.27		2.23		3.36		10.58		3.12		6.82		7.53		2.29		3.32		1.62		51.45	
MILLERSTOWN	3.02		E4.48		3.75		1.55		3.23		8.83		2.20		1.92		3.94		2.24		4.13		2.50		E41.79	
MONTICELLO	2.59		4.90		4.67		1.08		4.72		7.33		7.83		4.78		3.05		2.72		2.94		3.23		49.84	
MOUNT STERLING	2.76	-2.08	5.01	1.60	4.16	- .91	.98	-3.12	4.20	.13	6.43	1.94	4.98	- .15	2.92	- .81	4.33	1.36	2.60	.30	2.20	- .80	2.31	-1.23	42.88	- 3.77
MOUNT VERNON	2.87		5.42		4.57		3.65		E4.05		11.70		3.37		3.24		E2.69		E2.42		E3.13		E3.60		E50.71	
MUNFORDVILLE	2.76		4.03		4.06		2.50		2.06		7.66		2.19		3.44		5.12		1.28		4.50		3.67		43.27	
MURRAY	3.28	-1.99	2.78	-1.29	2.93	-2.81	2.79	-1.42	3.92	- .16	7.57	4.25	1.68	-1.96	1.54	-1.85	2.76	- .54	2.23	- .64	4.64	1.01	3.68	- .53	39.80	- 7.93
DUNEY	3.21		3.03		3.28		4.12		2.92		5.03		.98		1.91		1.58		1.60		4.05		3.62		35.33	
ONEIDA	2.35		4.70		3.54		1.05		4.07		10.17		6.46		4.66		3.32		2.36		2.19		2.92		47.79	
ONEONTA OAM 35	2.80	- .92	3.42	.72	1.17	-3.03	1.12	-2.48	6.39	2.94	5.94	2.01	3.78	- .10	1.69	-1.14	2.67	- .18	2.47	.43	3.02	.26	1.18	-1.45	35.65	- 2.74
OWENSBORO 2 W	3.63	-1.19	E3.00	.26	3.11	-2.21	2.30	-1.82	3.96	.13	3.72	- .18	1.08	-2.27	3.05	- .37	1.98	-1.23	1.72	- .78	3.16	- .19	2.73	- .48	E33.44	-10.85
OWENSBORO OAM 46	3.45	-1.35	3.18	.18	2.63	-2.61	2.31	-1.88	4.15	.39	3.30	- .50	1.00	-2.06	2.82	- .67	2.17	- .97	2.12	- .31	3.23	- .06	1.93	-1.21	32.29	-11.41
PADUCAH FAA AIRPORT	2.74		2.36		1.64		3.10		4.60		7.54		2.73		2.58		2.87		3.46		3.40		5.51		42.53	
PADUCAH	3.07	-1.93	1.70	-2.20	2.49	-2.79	4.31	- .07	4.83	.81	5.42	1.72	3.45	.42	1.50	-1.80	1.82	-1.54	3.68	.93	3.40	- .32	5.35	1.80	41.02	- 4.97
PAINTSVILLE	2.51		3.37		2.04		2.18		2.44		8.13		4.06		4.85		3.00		2.74		2.14		2.72		36.18	
PARADISE STEAM PLANT	-		-		-		-		-		-		-		-		-		1.32		4.60		3.27		-	
PIKEVILLE	3.05	- .68	4.85	1.28	2.66	-2.01	1.69	-1.68	2.40	-1.68	4.22	- .25	4.86	- .03	4.88	.99	4.06	1.21	3.00	.96	2.00	- .58	2.56	- .64	40.23	- 3.11
PINEVILLE	2.99		3.92		5.12		1.46		3.28		9.98		5.78		3.40		5.24		3.52		2.39		3.57		50.65	
PRINCETON	2.93	-2.27	E2.40	-1.58	E2.33	-3.15	4.68	.57	2.84	-1.13	5.82	1.88	.94	-2.37	1.94	-1.45	1.26	-1.82	2.27	- .45	3.02	- .44	E4.43	.61	E34.86	-11.60
RAVENNA LOCK 12	2.25	-2.25	3.79	.49	1.83	-2.90	1.15	-2.48	3.69	.13	10.63	6.55	5.22	.13	3.34	-1.13	1.65	-1.30	2.95	1.02	1.87	-1.39	1.78	-1.18	40.15	- 4.31
RICHMOND	2.61		5.12		2.67		1.25		4.82		8.77		4.91		3.25		3.96		2.69		2.61		2.09		44.55	
ROCHESTER LOCK 3	2.58		2.91		2.81		2.43		2.37		8.45		2.22		1.14		1.91		1.07		4.61		2.72		35.22	
RUSSELLVILLE	2.57	-2.87	E4.32	.19	4.13	-1.11	1.89	-2.08	1.91	-1.71	9.16	5.28	3.59	- .80	2.12	-1.25	2.34	-1.26	1.40	- .80	4.86	1.34	3.12	-1.07	E41.41	- 6.14
RUSSELLVILLE SUBSTA	2.74		3.78		3.62		1.88		2.23		7.04		3.22		2.20		2.50		1.47		4.24		3.26		38.18	
SALVISA LOCK 6	2.36	-3.10	5.22	1.46	2.57	-2.76	1.61	-2.35	3.60	- .23	9.09	4.70	2.75	-1.09	5.46	1.41	4.92	3.35	1.50	- .40	4.22	.85	1.93	-1.53	47.42	.46
SALVERSVILLE 2 SE	2.84		3.66		2.57		1.50		2.91		4.24		4.53		5.46		3.35		2.26		2.72		2.60		38.10	
SCOTTSVILLE	2.38		4.54		E3.63		2.43		2.75		10.43		3.12		2.90		3.81		1.36		4.20		3.11		E44.66	
SCOTTSVILLE 2 SW	1.99		4.74		4.25		2.04		2.53		8.21		2.86		2.36		3.58		1.33		3.85		3.30		41.04	
SEBREE	3.70		4.31		E2.57		E4.31		4.36		6.56		4.00		5.80		4.00		1.20		3.50		E3.47		E47.78	
SHANNEE STEAM PLANT	2.74		2.48		3.16		2.54		3.40		7.33		3.00		2.03		2.88		4.15		3.39		4.83		41.93	
SHELBYVILLE	2.53	-2.54	4.82	1.32	1.36	-4.23	1.62	-2.71	4.19	.13	7.40	2.91	3.68	- .07	4.16	.49	2.49	- .41	1.97	- .45	4.21	.70	1.92	-1.71	40.35	- 6.57
SHEPHERDSVILLE	2.83		4.51		E2.26		1.01		4.13		10.90		1.36		6.31		3.15		3.00		4.92		2.08		E46.46	
SOMERSET 1 N	3.18		3.92		3.84		1.52		3.02		11.83		3.08		2.02		2.41		2.83		3.22		E4.76		E45.63	
SPRINGSFIELD	2.92		3.64		3.01		2.60		3.79		7.94		1.77		4.42		4.23		1.44		4.17		1.93		41.86	
STEARNS	2.76		4.47		4.90		1.98		3.56		9.12		3.92		3.26		3.43		2.84		3.50		2.96		46.70	
SUMMER SHADE	E2.74		4.67		4.35		2.02		3.83		7.98		3.39		2.67		3.19		1.60		5.04		3.87		E45.35	
SUMMER SHADE SUBSTA	2.43		5.17		3.83		1.98		3.80		8.94		3.23		3.10		3.52		1.62		3.50		3.67		44.79	
TAYLORSVILLE	3.38		4.63		2.39		1.58		3.82		9.37		2.01		6.32		3.88		1.74		4.40		1.43		44.95	
TURKEY CREEK SCHODL	2.94		2.45		3.95		3.20		3.70		8.40		2.54		1.71		2.69		3.83		4.42		3.48		43.31	
TYRONE LOCK 5	3.18	-1.74	4.81	1.34	2.23	-2.92	1.46	-2.56	3.55	- .07	9.81	5.92	3.79	- .23	4.28	.49	9.60	6.72	2.56	.28	4.19	.87	1.51	-2.06	50.97	6.04
UNIONTOWN OAM 49	2.25	-2.11	1.76	-1.31	2.45	-2.30	2.58	-1.54	3.41	- .40	4.13	.86	3.67	.38	2.57	- .75	1.03	-2.26	5.56	2.94	4.11	.93	2.33	- .59	35.85	- 6.15
VALLEY VIEW LOCK 9	2.35	-2.63	3.99	.34	1.90	-2.84	.75	-2.73	3.84	.13	9.00	4.56	2.38	-2.67	6.07	2.03	5.65	2.60	2.75	.82	3.17	- .12	1.61	-1.81	43.46	- 2.32
VANBUREN	2.72		4.20		2.34		1.51		3.66		8.05		1.68		4.15		4.88		2.76		4.82		1.37		42.14	
VANCEBURG OAM 32	3.90	- .35	4.80	1.59	2.78	-1.96	.57	-3.14	4.72	.68	6.86	2.61	8.06	3.88	2.75	-1.11	3.19	.57	1.56	- .72	2.30	- .70	E1.66	-1.46	E43.15	- .11
WARSAW MARKLAND OAM	2.82	-1.27	4.01	.81	1.08	-3.74	1.63	-2.33	5.57	2.22	9.58	5.54	4.89	1.14	.98	-2.54	1.78	-1.08	2.18	- .09	2.63	- .29	1.13	-1.85	38.28	- 3.48
WAYNESBURG 7 NE	3.06		4.65		3.51		.71		4.07		9.73		1.86		4.24		2.96		1.99		3.17		3.51		43.46	
WEST LIBERTY	2.72		4.72		3.16		1.15		3.38		5.93		3.48		2.63		2.52		3.86		2.70		1.82		38.07	
WILLIAMSBURG 2	3.39	-1.31	4.67	.48	4.29	- .68	2.30	-1.37	4.15	.12	8.04	4.29	7.06	2.25	3.83	.03	3.30	.76	3.41	1.26	2.61	- .61	3.39	- .26	50.44	4.96
WILLIAMSTOWN 3 MSW	3.04	-1.39	4.22	.97	1.54	-3.48	1.01	-3.01	3.49	- .38	8.55	4.53	3.85	.06	1.50	-1.80	2.96	- .06	2.04	- .26	3.56	.42	1.54	-1.47	37.30	- 5.87
WILLOW LOCK 13	2.68	-2.41	5.80	1.71	3.17	-2.07	.66	-2.85	3.38	- .35	10.58	6.25	4.54	- .37	2.75	-1.57	3.18	.42	3.39	1.32	2.28	-1.18	2.35	-1.22	44.76	- 2.32
WOLF CREEK OAM	2.89		5.50		4.27		1.01		3.44		6.59		4.05		4.32		2.38		2.03		3.42		3.42		43.11	
WOODBURY LOCK 4	3.01	-2.38	4.40	.57																						

TEMPERATURE EXTREMES AND FREEZE DATA

KENTUCKY
1960

Table 3

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates									
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below		20° or below		24° or below		28° or below		32° or below	
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.		
AODISON OAM 45	96	9-9	-4	12-24+	3-14	10	3-25	19	3-25	19	3-27	28	4-11	32	10-21	28	10-21	28	11-6	24	11-11	18	12-2	14	263	231	226	208	193					
ANCHORAGE	95	9-5	-9	12-22	3-25	13	3-25	13	4-10	21	4-10	21	5-2	32	10-21	28	10-21	28	11-7	22	11-12	20	12-1	15	251	232	211	194	172					
ASHLAND OAM 29	97	9-5	-1	12-22	3-14	14	3-25	19	3-25	19	4-11	25	4-11	25	10-21	25	10-21	25	11-8	24	12-2	14	12-2	14	263	252	228	197	193					
BARBOURVILLE	94	8-3+	-6	2-15	3-25	16	4-11	20	4-11	20	4-11	20	5-14	32	10-21	30	10-25	26	11-7	23	11-8	19	12-1	15	251	211	210	197	160					
BARSTOWN S J PREP SCH	96	9-5	-8	3-6	3-25	15	3-25	15	4-11	23	4-11	23	5-8	32	10-21	25	10-21	25	10-25	24	11-11	16	11-11	16	231	231	197	193	166					
BAXTER	93	8-3	-1	3-7+	3-15	5	3-26	19	4-12	21	4-12	21	4-20	32	10-22	32	10-25	27	11-8	21	11-11	20	12-2	12	262	230	210	196	185					
BEAVER OAM	98	9-7+	-12	12-22	3-14	5	3-25	18	3-25	18	4-10	25	5-2	32	10-21	26	10-21	26	11-11	17	11-11	17	12-2	14	263	231	231	194	172					
BENHAM	95	8-2	-4	12-23+	3-15	10	3-27	20	4-11	21	4-11	21	5-2	30	10-21	29	10-25	25	11-8	18	11-8	18	12-2	14	262	226	211	197	172					
BENTON 2	99	9-7	-	-	3-18	15	3-25	19	4-10	21	4-10	21	5-13	32	10-20	30	10-21	25	10-21	25	11-7	23	12-1	15	251	251	211	193	172					
BEREA COLLEGE	98	6-16	-4	12-23+	3-25	14	3-25	14	4-10	21	4-11	28	5-2	32	10-21	25	10-21	25	11-7	23	12-1	15	12-1	15	251	251	211	193	172					
BLAINE 1 W	95	9-6+	-7	3-6	3-25	12	4-11	18	4-11	18	5-2	27	5-2	27	10-21	25	10-21	25	10-22	24	11-8	17	12-2	9	252	211	194	172	172					
BONNIEVILLE	100	9-8	-10	12-22	3-23	16	3-25	18	4-11	23	4-11	23	5-8	32	10-21	30	11-4	27	11-8	24	11-11	19	12-2	15	263	231	228	207	185					
BOWLING GREEN FAA AP	99	9-6	-6	3-5	3-14	5	3-25	20	3-25	20	4-11	28	4-19	32	10-21	30	11-4	27	11-8	24	11-11	19	12-2	15	263	231	228	207	185					
CAMPBELLVILLE	97	9-7+	-3	3-6	3-14	6	3-25	18	4-10	24	4-10	24	4-11	30	10-21	30	10-25	28	11-10	24	11-10	24	12-1	19	252	251	230	198	172					
CARROLLTON LOCK 1	96	9-5	-4	12-23+	3-25	14	3-25	14	4-10	27	4-10	27	5-2	32	10-21	30	10-25	28	11-10	24	12-1	19	12-1	19	252	251	230	198	172					
CECILIA	96	8-4+	-	-	-	-	-	-	-	-	-	-	-	-	10-21	27	10-21	27	11-8	24	11-11	19	12-2	14	-	-	-	-	194	166				
CLEARMONT 1 SSE	100	9-8	-10	12-22	3-25	14	3-25	14	4-10	21	4-11	27	5-8	32	10-21	27	10-21	27	11-7	23	11-11	17	12-1	14	251	231	211	193	166					
COVINGTON WB AIRPORT	95	9-8	-3	12-22	3-25	15	3-25	15	4-10	25	4-10	25	4-11	32	10-21	29	10-25	25	11-30	23	12-1	19	12-9	14	259	251	250	198	193					
CYNTHIANA 2	98	9-6	-8	3-6	3-25	14	3-26	20	4-11	22	4-11	22	4-19	28	5-8	32	10-21	26	10-21	26	10-25	22	11-7	20	16	251	226	197	185	166				
OANVILLE	93	9-8+	-4	12-22	3-25	16	3-26	19	4-10	24	4-11	25	4-12	32	10-21	30	11-7	26	11-11	21	12-1	18	12-2	16	252	250	215	210	192					
DEWEY OAM	-	-	-1	3-7+	3-26	14	4-11	20	4-12	21	4-12	21	5-2	32	10-21	30	10-25	28	11-8	19	11-8	19	12-2	14	251	211	210	196	172					
OIX DAM	94	8-2	-2	3-5	3-25	16	3-25	16	3-27	24	4-11	28	4-11	28	10-21	30	11-7	25	11-11	23	12-1	17	12-13	5	263	251	229	210	193					
ELIZABETHTOWN	95	9-6+	-13	3-6	3-14	1	3-23	17	4-10	24	4-10	24	4-11	32	10-21	29	10-25	28	11-11	17	11-11	17	12-2	12	263	233	215	198	194					
FALMOUTH	97	9-5	-8	12-22	3-25	13	4-10	20	4-11	22	4-11	22	5-2	32	10-21	26	10-21	26	10-25	22	11-8	20	12-2	13	252	212	197	193	172					
FARMERS	96	9-5	-9	3-6	3-24	13	4-11	19	4-11	19	4-11	19	5-2	29	10-21	28	10-21	28	10-25	22	11-8	18	12-2	9	253	211	197	193	172					
FLEMINGSBURG 2	99	9-5	-4	12-22	3-25	12	3-25	12	4-11	23	4-11	23	5-2	31	10-21	26	10-21	26	10-25	24	12-1	15	12-1	15	251	251	197	193	172					
FOROS FERRY OAM 50	102	9-6	-2	12-22	3-14	15	3-25	20	3-25	20	3-25	20	4-10	30	10-20	32	11-7	28	11-10	23	11-11	20	12-13	13	274	231	230	227	193					
FRANKFORT LOCK 4	95	9-9+	-3	12-23+	3-26	16	3-26	16	4-11	24	4-11	24	4-19	32	10-21	32	10-25	28	12-1	20	12-1	20	12-2	15	251	250	234	197	185					
GLASGOW WKAY	95	9-7	-2	3-5	3-18	15	3-25	19	4-10	23	4-11	28	4-18	32	10-21	31	10-25	28	11-7	23	11-11	20	12-1	16	258	231	211	197	186					
GOLDEN POND 8 N	98	9-7+	-11	12-22	3-18	15	3-25	19	3-25	19	4-10	25	5-9	31	10-20	30	10-21	25	11-4	24	11-12	19	12-1	15	258	232	224	194	164					
GRAYSON 1 SE	94	8-3+	-4	2-20	3-26	15	3-26	15	4-11	21	4-12	25	5-3	32	10-21	27	10-21	27	10-25	23	11-8	18	12-2	12	251	227	197	192	171					
GREENSBURG	99	9-8	-5	12-23+	3-18	12	3-25	20	4-10	23	4-11	25	5-2	32	10-21	29	10-25	27	11-7	23	11-11	19	12-1	15	258	231	211	197	172					
GREENVILLE 2 W	98	9-7	-5	12-23	3-18	15	3-25	19	3-25	19	4-10	27	5-2	32	10-21	26	10-21	26	11-7	24	11-11	16	11-11	16	238	231	227	194	172					
HEIDELBERG LOCK 14	93	9-5+	-9	3-6	3-25	15	4-11	18	4-11	18	4-11	18	5-2	30	10-21	28	10-21	28	10-25	24	11-8	18	12-1	13	251	211	197	193	172					
HENDERSON 7 SSW	99	9-7	-5	12-22	3-14	7	3-25	19	3-25	19	4-10	26	4-10	26	10-20	32	10-21	28	11-7	23	11-11	17	12-1	16	262	231	227	194	193					
HICKMAN 1 E	102	9-8	-5	12-22	3-13	16	3-24	20	3-25	23	4-10	28	4-10	28	10-20	32	10-21	27	11-7	24	11-11	16	11-11	16	243	232	227	194	193					
HINDMAN	-	-	-5	2-20	3-25	15	4-11	18	4-11	18	4-11	18	4-20	26	5-3	32	10-22	28	10-25	23	11-8	15	11-8	15	228	211	197	185	172					
HOPKINSVILLE	100	9-8	-5	12-22	3-15	14	3-25	19	3-26	23	4-10	27	4-10	27	10-21	31	11-6	27	11-11	21	12-1	18	12-2	16	262	251	230	210	194					
INEZ	97	8-17	-	-	3-26	14	4-11	20	4-11	20	4-11	20	5-2	32	10-21	29	11-4	25	11-8	18	11-8	18	12-2	10	251	211	211	207	172					
IRVINGTON	100	9-8	-9	3-6	3-25	16	3-25	16	4-10	23	4-10	23	4-10	23	10-21	27	10-21	27	11-7	22	11-11	18	12-1	15	251	231	211	194	194					
LEITCHFIELD	99	9-7	-4	12-22	3-14	13	3-25	19	3-25	19	4-10	26	4-10-																					

TOTAL EVAPORATION AND WIND MOVEMENT

KENTUCKY
1960

Table 4

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
DEWEY DAM	EVAP	-	-	-	-	B4.17	4.61	B5.64	B4.78	3.02	B1.90	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	-	B 401	226	120	118	42	124	-	-	-
DIX DAM	EVAP	-	-	-	-	5.69	B6.80	6.48	6.24	B4.96	2.97	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	-	1624	1407	862	746	606	1069	-	-	-
MADISONVILLE 1 SE	EVAP	-	-	-	-	6.97	B8.02	B7.37	7.14	4.81	-	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	-	2029	1504	1006	1320	869	-	-	-	-
WOLF CREEK DAM	EVAP	-	-	-	-	5.94	5.97	6.60	5.42	4.18	2.80	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	-	850	627	405	B 335	307	448	831	-	-

CHANGES IN STATION NAMES

NEW NAME

BLAINE 1 W
CECILIA
GAMALIEL 1 S
HINDMAN
LOUISA 2

MARTIN 1 SSW
MUNFORDVILLE

OLD NAME

BLAINE
ST JOHN BETHLEHEM ACAD
GAMALIEL
HINDMAN SETTLEMENT SCH
LOUISA

ALLEN
MUNFORDVILLE 1 N

DATE

June 1960
March 1960
March 1960
November 1960
November 1960

May 1960
October 1960

RELOCATION AND CHANGES OF EQUIPMENT

ADDISON DAM 45
ALLEN
ANCHORAGE
BLAINE 1 W
BONNIEVILLE

BROWNSVILLE
GAMALIEL 1 S
HINDMAN
LOUISA
LOUISA 2

MAMMOTH CAVE
META
MUNFORDVILLE
SOMERSET
WEST LIBERTY

WILLIAMSBURG 2

Temperature equipment installed
All equipment moved 3.0 miles SW to Martin 1 SSW
All equipment moved 50 feet S
All equipment moved 1.4 miles WSW
All equipment moved 1/4 mile SW

All equipment moved 90 feet ESE
All equipment moved 1.0 mile SW
All equipment moved 3/8 mile E
All equipment moved 0.5 mile SE to Louisa 2
Recorder equipment installed

All equipment moved 1/2 mile SE
All equipment moved 0.1 mile E
All equipment moved 0.4 mile S
All equipment moved 75 feet S
All equipment moved 0.5 mile SSW

All equipment moved 0.7 mile SE

January 1, 1960
May 9, 1960
March 25, 1960
June 22, 1960
February 25, 1960

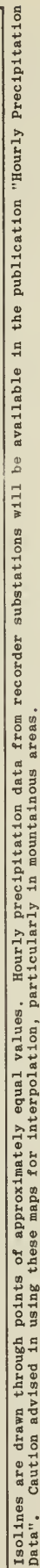
December 28, 1960
March 3, 1960
November 3, 1960
November 5, 1960
November 5, 1960

October 17, 1959
May 11, 1960
October 1, 1960
October 13, 1960
November 9, 1960

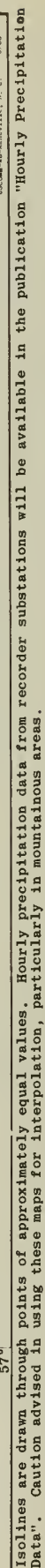
May 1, 1960

See reference notes following Station Index

KENTUCKY
1960



KENTUCKY
1960



STATION INDEX

KENTUCKY
1960

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Years of record	Opened or closed during yr.	Refer to tables	Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Years of record	Opened or closed during yr.	Refer to tables	
ADDITION DAM 45	0031	BRECKINRIDGE	7 37 55	86 34	380	1	33		1 2 3 C	KEENE 1 NNE	4369	JESSAMINE	4 37 57	84 38	941	20			2	
ALBANY 4 N	0063	CLINTON	2 36 45	85 08	1000	10			1 2 3	KENTUCKY DAM	4414	LIVINGSTON	9 37 01	88 16	362	23			2	
ANCHORAGE	0155	JEFFERSON	7 38 16	85 33	700	62	63		1 2 3	LA GRANGE 1 SW	4595	OLMON	7 38 24	85 24	874	5			2	
AREX 2 NE	0185	MULLENBERG	3 37 08	87 19	510	3		AUG	1 2 3	LANCASTER	4620	GARRARD	4 37 37	84 35	1032	36			1 2 3	
ASHLAND OAM 29	0254	BOYO	7 38 27	82 36	551	47	48		1 2 3	LEITCHFIELD	4703	GRAYSON	3 37 29	86 18	642	66	66			1 2 3
BARBOURVILLE	0381	KNOX	2 36 52	83 33	1000	11	15		1 2 3 C	LEXINGTON WB AIRPORT	4746	FAYETTE	4 38 02	84 36	979	81	82			1 2 3 C
BARSTOWN 5 J PREP 5CH	0397	NELSON	8 37 48	85 28	631	11	11		1 2 3	LIBERTY	4755	CASEY	3 37 21	84 55	772	20			2 C	
BARTER	0450	MARLAN	2 36 51	83 20	1164	9	20		1 2 3	LITTLE HICKMAN LOCK 8	4825	JESSAMINE	4 37 45	84 35	521	51			2 C	
BEAVER DAM	0490	OHIO	3 37 25	86 52	441	53	53		1 2 3	LOCKPORT LOCK 2	4857	HENRY	4 38 26	84 58	485	51			C	
BENHAM	0595	MARLAN	2 36 58	82 57	1585	15	15		1 2 3	LOGLOCK 1 S	4882	CLARK	4 37 51	84 02	773				C	
BENTON	0611	MARSHALL	9 36 51	88 20	395				C	LONDON	4893	LAUREL	2 37 08	84 04	1195				1 2 3 C	
BENTON 2	0615	MARSHALL	9 36 51	88 20	395	5	5		1 2 3 C	LONDON FAA AP	4898	LAUREL	2 37 05	84 05	1191	7	7			1 2 3 C
BEEBA COLLEGE	0619	MAISON	4 37 34	84 18	1070	59	59		1 2 3	LOUISA 2	4946	LAWRENCE	1 38 07	82 36	585	10	5			1 2 3 C
BEEBA WATER WORKS	0624	MAISON	4 37 33	84 15	1010	14			1 2 3	LOUISVILLE	4949	JEFFERSON	7 38 13	85 40	558					1 2 3 C
BLAINE 1 W	0752	LAWRENCE	1 38 02	82 52	690	5	5		1 2 3	LOUISVILLE BOWMAN FLO	4951	JEFFERSON	7 38 13	85 40	558					1 2 3 C
BONNIEVILLE	0854	MART	3 37 23	85 54	684	5	5		1 2 3	# LOUISVILLE WB AP	4954	JEFFERSON	7 38 17	85 44	474	27	27			1 2 3 C
BOWLING GREEN	0904	WARREN	3 37 01	86 26	536	36	36		2	LOUISVILLE UPPER GAGE	4955	JEFFERSON	7 38 17	85 48	403					1 2 3 C
BOWLING GREEN SUBSTA	0907	WARREN	3 37 01	86 26	470	18	18		1 2 3	LOVELACEVILLE	4967	BALLAR	6 36 58	88 50	370	33	35			1 2 3 C
BOWLING GREEN FAA AP	0909	WARREN	3 36 58	86 26	535	79	79		2	LUCAS	5002	BARR	3 36 53	86 02	738					1 2 3 4 C
BRENT DAM 36	0978	CAMPBELL	7 39 03	84 25	497				2	MAISONVILLE 1 SE	5067	HOPKINS	3 37 19	87 29	439	14	14			1 2 3 C
BROWNVILLE LOCK 6	1046	EDMONSON	3 37 12	86 16	405	44		AUG	2 C	MAMMOTH CAVE PARK	5097	EDMONSON	3 37 11	86 05	800	26	26			1 2 3
BUCKHORN	1080	PERRY	4 37 21	83 23	936				2 C	MANCHESTER 4 SE	5111	CLAY	4 37 06	83 43	850	10	10			1 2 3
BURDINE	1120	PIKE	1 37 13	82 35	1643	9			2 C	MARTIN 1 5SW	5171	FLOYD	1 37 33	82 45	655	21			1 2 3	
BURKESVILLE	1137	CUMBERLAND	2 36 47	85 22	600	10			2	MAYFIELD	5230	GRAVES	6 36 44	88 39	364	47	18			1 2 3 C
CAOZ LOCK E	1206	TRIGG	2 36 46	87 58	384				2	MAYSVILLE OAM 33	5243	MASON	7 38 38	83 42	515	65	64			1 2 3 C
CALHOUN LOCK 2	1227	MC LEAN	3 37 32	87 16	402	43			1 2 3 C	MC KEE	5291	JACKSON	2 37 26	84 00	1000					2
CAMPBELLVILLE	1256	TAYLOR	3 37 20	85 21	771	16	16		1 2 3	MC KINNEYSBURG	5301	PEOLETEON	5 38 36	84 16	662					C
CANEYVILLE	1294	GRAYSON	3 37 25	86 30	600				1 2 3	META	5370	PIKE	1 37 34	82 27	730					1 2 3 C
CARROLLTON LOCK 1	1345	CARROLL	4 38 41	85 11	480	10	57		1 2 3 C	MIDDLEBORO	5389	BELL	2 36 37	83 43	1130	64	69			1 2 3 C
CECILIA	1406	HARDIN	8 37 40	85 57	734	64	64	MAR	1 2 3	MIDDLEBORO SEWAGE PL	5394	BELL	2 36 38	83 43	1130					C
CLAY CITY 1 WNW	1576	POWELL	4 37 52	83 56	712		5		1 2 3	MIDWAY	5407	WOODFORD	4 38 09	84 41			19			2
CLERMONT 1 SSE	1611	BULLITT	3 37 40	85 40	540	10	10		1 2 3	MILLERSBURG	5430	BOURBON	5 38 18	84 09	789					C
CLINTON	1631	HICKMAN	6 36 41	89 00	390				2 C	MILLERSTOWN	5438	GRAYSON	3 37 27	86 03	588	20				1 2 3
COBB	1663	CALOWELL	2 36 59	87 47	490	3			2	MONTICELLO	5524	WAYNE	2 36 50	84 50	928	4	24			1 2 3 C
COLLEGE HILL LOCK 11	1704	ESTILL	4 37 47	84 06	611	52			2	MOREHEAD STATE COLLEGE	5555	ROWAN	5 38 11	83 26	770					C
COVINGTON WB AIRPORT	1855	BOONE	7 39 04	84 40	869	14	14		1 2 3 C	MOUNT STERLING	5640	MONTGOMERY	5 38 04	83 56	930	68	71			1 2 3
CUMBERLAND FALLS ST PK	1969	WHITLEY	2 36 50	84 19	1070		10		2	MOUNT VERNON	5640	ROCKCASTLE	2 37 21	84 20	1137	5	5			1 2 3
CYNTHIANA	1998	MARRISON	5 38 23	84 18	684		44		1 2 3	MUNFORDVILLE	5684	MART	3 37 16	85 53	624	33				1 2 3 C
CYNTHIANA 2	2003	HARRISON	5 38 23	84 17	719	10	10		1 2 3	MURRAY	5694	CALLOWAY	9 36 36	88 20	622	35	35			1 2 3 C
DANVILLE	2040	BOYLE	4 37 39	84 46	955	28	52		1 2 3	OLIVE HILL 2 WNW	6013	CARTER	7 38 19	83 12	695					1 2 3
DAVELLA	2053	MARTIN	1 37 48	82 32	718				2 C	OLNEY	6020	HOPKINS	7 37 14	87 47	533					2
DELPHIA 1 E	2132	PERRY	4 37 02	83 07	1647	21			2 C	ONEIDA	6028	CLAY	4 37 16	83 39	750					2
DEMA	2139	KNOTT	1 37 25	82 48	850				1 2 3 C	ONEONTA OAM 35	6033	CAMPBELL	7 37 46	87 09	420	65	64			1 2 3
DEWEY DAM	2180	FLOYD	1 37 45	82 47	653	8	8		1 2 3 4 C	OWENSBORO 2 W	6091	DAVIESS	7 37 47	87 07	404	32				1 2 3
01X DAM	2214	MERCER	4 37 48	84 43	870	8	8		1 2 3 4 C	OWENSBORO DAM 46	6096	DAVIESS	7 37 47	87 07	404	32				1 2 3
DUNDEE BARRETT'S FORD 8R	2358	DHIO	3 37 33	86 43	840				2 C	PAUDACH FAA AIRPORT	6110	MC CRACKEN	7 37 04	88 46	398	12	12			1 2 3
DUNMORE	2358	MULLENBERG	3 37 05	87 00	592		21		2 C	PAUDACH	6115	MC CRACKEN	7 37 06	88 37	340	13	13			1 2 3
EDDYVILLE LOCK F	2391	BRECKENRIDGE	3 37 43	86 13	793				2	PAINTSVILLE	6136	JOHNSON	1 37 49	82 48	620	28				1 2 3 C
EDMONTON	2445	LYDN	2 37 03	88 05	420				2 C	PARADISE STEAM PLANT	6155	MULLENBURG	9 37 16	86 59	402	0	0			1 2 3 C
EDMONTON	2469	METCALFE	3 37 00	85 37	865		18		2 C	PIKEVILLE	6353	PIKE	1 37 29	82 31	686	25	56			1 2 3 C
ELIZABETHTOWN	2510	HARDIN	3 37 41	85 52	739		5		1 2 3	PINEVILLE	6384	BELL	2 36 45	83 42	1002					1 2 3
ELKHORN CITY	2528	PIKE	1 37 18	82 21	800		10		2	PRINCETON	6575	CALOWELL	2 37 06	87 53	529	58	62			1 2 3
ELKTON 2 S	2548	TODD	2 36 47	87 10	520		3		1 2 3	RAVENNA LOCK 12	6679	ESTILL	4 37 40	83 57	634	44				1 2 3
FALMOUTH	2775	PEOLETEON	5 38 40	84 20	560	6	74		1 2 3	RICHMOND	6805	MAISON	4 37 44	84 18	1122	69	73			1 2 3
FARMERS	2791	ROWAN	5 38 09	83 33	668	55	56		2	ROCHESTER LOCK 3	6882	OHIO	3 37 13	86 54	401					2
FLEMINGSBURG	2903	FLEMING	5 38 25	83 43	858		37		1 2 3	RUSSELLVILLE	7045	LOGAN	3 36 51	86 53	590	49	52			1 2 3
FLEMINGSBURG 2	2908	FLEMING	5 38 25	83 45	911	4	4		1 2 3 C	RUSSELLVILLE SUBSTA	7054	LOGAN	3 36 50	86 54	576	14				2 C
FORD LOCK 10	2953	MAISON	4 37 54	84 16	660				1 2 3 C	SAOIEVILLE	7074	SCOTT	4 38 23	84 33	791					C
FORDS FERRY DAM 50	2961	CRITTENDEN	7 37 28	88 06	356	14	33		1 2 3	ST MARY	7096	MARION	8 37 35	85 21	743					2
FRANKFORD LOCK 4	3028	FRANKLIN	4 38 14	84 52	504	77	79		2	SALVISA LOCK 6	7121	WOODFORD	4 37 56	84 43	490					C
FRANKLIN 1 E	3036	SIMPSON	3 36 43	86 34	690				2	SALVERSVILLE	7129	MAGOFFIN	5 37 45	83 05	859					1 2 3
FRENCHBURG	3046	PIKE	1 37 33	87 10	730		8		2	SALVERSVILLE 2 SE	7134	MAGOFFIN	5 37 44	83 03	920	9				1 2 3
GAMALIEL 1 S</																				

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky or to any Weather Bureau Office near you.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F; precipitation and evaporation in inches, and wind movement in miles.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Climatological divisions, outlined on the maps in this bulletin became effective with data for June 1956.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried in the June and December issues of Climatological Data.

- No record.
- + Also earlier date (dates) or months.
- * Amount included in the following measurement.
- # Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- B Adjusted to full month.
- C Data for recorder stations denoted by "C" in the "Refer to tables" column of the Station Index are processed for special purposes and published in "Hourly Precipitation Data". Length of record for recorder - only stations may be found in the annual issue of "Hourly Precipitation Data".
- E Amount is wholly or partially estimated.
- M One or more days record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.
- T Trace, an amount too small to measure.
- V Includes total for previous month. V in annual column means total is for a two-year period.

Information concerning the history of changes in location, elevations, exposures, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks, and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 3/8/61 --- 900



51.05
NKE

U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

JANUARY 1961

Volume 56 No. 1



ASHEVILLE: 1961

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KENTUCKY - JANUARY 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 69° on the 13th at Princeton

Lowest Temperature: -21° on the 28th at Cynthiana 2

Greatest Total Precipitation: 4.90 inches at Jeremiah

Least Total Precipitation: 1.25 inches at Munfordville

Greatest One Day Precipitation: 1.75 inches on the 15th at Dewey Dam

Greatest Reported Total Snowfall: 13.7 inches at Williamstown 5 WSW

Greatest Reported Depth of Snow on Ground: 9 inches on the 23rd at
Burdine 2 NE

SPECIAL WEATHER SUMMARY

January was chiefly one of "House-keeping" activities for most Kentucky farmers. The unusually low temperatures of December persisted into early January with a period of generally open weather from the 5th through the 18th. Abnormally cold temperatures with frequent snowfall persisted over the state from the 19th through the close of the month. Daily temperatures ran from 10° to as much as 30° below seasonal normals during this period, with livestock requiring an abnormal amount of care. Some losses of young lambs and pigs were reported where adequate shelter and heat were not available. The prolonged cold weather made stock watering a daily

problem during the last ten days of the month since most farm ponds and smaller streams were frozen over. Most stations recorded their lowest January minimums since 1940, with only isolated locations failing to drop below zero at sometime during the month. The final stages of burley tobacco stripping and marketing was unduly delayed due to the abnormally low temperatures and extremely dry air during the last two weeks of the month.

O. K. Anderson
Weather Bureau State Climatologist
Lee Terminal, Standiford Field
Louisville 13, Kentucky

CLIMATOLOGICAL DATA

KENTUCKY
JANUARY 1961

Station	Temperature										Precipitation													
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No of Days			
																		Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More	
										50° or Above	32° or Below	32° or Below	6° or Below											
WESTERN																								
BEAVER DAM	42.4	20.2	31.3		61	12	-16	28	1036	0	8	25	2	1.51		.55	15		3	28+	5	1	0	
BENTON 2	43.3M	17.5M	30.4M		65	13	-10	28	1088	0	5	28	4											
FORDS FERRY DAM 50	43.1	22.1	32.6		65	13	-3	28	998	0	6	25	1	2.10	- 2.59	.92	1	4.5	3	2+	3	2	0	
GOLDEN POND 8 N	47.2	18.6	32.9		67	14	-12	28	987	0	5	28	2											
GREENVILLE 2 W	43.5	20.8	32.2	- 5.3	61	13	- 9	28	1012	0	8	25	2	1.77	- 3.33	.58	15	6.5	3	28+	5	1	0	
HENDERSON 7 SSW	41.3	21.5	31.4	- 6.1	59	13+	- 4	28	1037	0	9	25	1	1.66	- 3.25	.74	15	4.0	2	27+	5	1	0	
HICKMAN 1 E	42.6	20.5	31.6		62	14	- 2	28	1030	0	7	27	1	2.11		.89	1				5	1	0	
HOPKINSVILLE	40.9	19.0	30.0	- 8.1	62	14	- 8	28	1078	0	9	27	2	1.87	- 3.59	.54	15	5.3			7	1	0	
LOVELACEVILLE	43.6	20.4	32.0	- 6.1	66	13	-10	28	1015	0	7	27	1	2.37	- 2.67	1.00	15				4	2	1	
MADISONVILLE 1 SE	42.8	20.8	31.8		61	12	-11	28	1022	0	7	25	1	2.58		1.35	1	3.4	3	1	4	2	1	
MAYFIELD	43.7	23.0	33.4		68	13	0	28	974	0	7	25	1	1.80		1.01	15						1	
MURRAY	45.7	22.6	34.2	- 4.7	65	13	- 4	28+	946	0	5	27	0						3	26				
DWENSBORO 2 W	40.9	21.2	31.1	- 5.5	59	13+	- 9	28	1045	0	8	25	1	1.72	- 3.10	.78	1	7.0	3	1	3	2	0	
PADUCAH FAA AIRPORT	40.7	20.6	30.7		65	13	- 4	27	1057	0	7	26	2	1.77		1.04	14	2.2	2	27+	3	1	1	
PADUCAH	43.8	22.2	33.0		64	13	- 4	21	982	0	6	25	0	1.40	- 3.60	.75	14	3.0			4	1	0	
PARADISE STEAM PLANT	41.7	18.0	29.9		62	14+	-12	28	1084	0	7	28	2	2.01		.65	15				5	2	0	
PRINCETON	45.3	19.2	32.3	- 5.9	69	13	-13	28	1009	0	4	27	2	1.44	- 3.76	.47	15				4	0	0	
RUSSELLVILLE	43.8	22.0	32.9	- 4.5	64	13	- 7	28	989	0	4	25	2	1.96	- 3.48	.57	15				7	1	0	
DIVISION														1.87		- 3.23		4.5						
CENTRAL																								
ADDISON DAM 45	38.7	19.4	29.1		56	14+	- 2	29+	1112	0	8	28	4	1.57	- 3.24	.62	15	5.3	3	29+	4	1	0	
ANCHORAGE	38.8	17.9	28.4	- 6.4	58	13	-11	28	1129	0	12	27	4	1.98	- 2.52	.88	15	6.6	3	26	6	1	0	
BARDSTOWN S J PREP SCH	40.9	18.1	29.5		59	13	-13	28	1093	0	8	27	3	2.28		.74	15	5.3			6	2	0	
BOWLING GREEN FAA AP	41.5	20.5	31.0	- 7.7	61	13	-11	28	1047	0	6	25	3	1.41	- 4.41	.49	19	9.0	2	29+	4	0	0	
CAMPBELLSVILLE	41.4	22.0	31.7		60	13+	- 6	28	1026	0	7	25	1	2.08		.57	19	5.7	2	28+	5	2	0	
CECILIA	37.3	16.5	26.9	- 9.1	56	13	-14	27	1175	0	13	28	4	1.77	- 3.77	.66	15	4.0			7	1	0	
CLERMONT 1 SSE	42.8	20.1	31.5		62	13	-11	28	1032	0	7	25	3	2.37		.81	15				6	2	0	
ELIZABETHTOWN	41.0	19.1	30.1		57	14+	-14	28	1076	0	10	26	4	1.65		.40	15	7.4	3	28+	6	0	0	
GLASGOW WKAY	43.0	21.5	32.3		66	6	- 9	28	1006	0	6	26	1	1.74		.48	19	6.0	2	27+	5	0	0	
GREENSBURG	40.5	17.5	29.0	- 8.6	60	14+	-11	28	1110	0	6	28	3	2.12	- 3.35	.53	19+	7.0	2	29+	7	3	0	
IRVINGTON	40.4	20.7	30.6	- 6.1	60	13+	- 7	28	1058	0	8	26	2	1.59	- 3.00	.50	1	6.5	3	2+	5	1	0	
LEITCHFIELD	41.6	21.7	31.7	- 5.7	61	13	- 5	28	1028	0	6	25	1	2.42	- 3.19	.88	1	8.3	3	1	6	2	0	
LOUISVILLE	38.5	22.7	30.6		58	13+	0	28	1062	0	11	24	1	1.73		.60	14	3.3			4	2	0	
LOUISVILLE WB AP	37.8	19.8	28.8	- 6.1	57	12	- 8	28	1115	0	13	25	2	1.57	- 2.53	.65	14	3.8	3	27	3	1	0	
MAMMOTH CAVE PARK	41.8	21.6	31.7		61	13	- 9	28	1026	0	8	24	2	1.90		.70	19	6.8	2	28+	5	1	0	
SCOTTSVILLE	43.6	22.4	33.0		63	13	- 8	28	986	0	5	25	2	1.56		.37	26	7.0			6	0	0	
SUMMER SHADE	42.0	20.9	31.5		61	13	-12	28	1033	0	7	26	1	2.05		.60	19	6.0	3	28+	6	2	0	
WOLF CREEK DAM	41.9	19.0	30.5		64	14	- 6	28	1064	0	5	28	4	2.97		1.02	1	3.0			7	2	1	
DIVISION														1.93		- 3.35		5.9						
BLUE GRASS																								
BEREA COLLEGE	42.0	21.0M	31.5M	- 6.7	63	13	- 5	28	1040	0	9	26	3	2.18	- 2.90	.67	15	7.0	4	27+	6	1	0	
CARROLLTON LOCK 1	39.6	19.1	29.4		57	14+	- 9	28	1095	0	11	25	3	2.01	- 2.02	.83	15		6	1	4	2	0	
COVINGTON WB AIRPORT	35.6	19.9	27.8	- 4.0	57	13	- 3	28+	1147	0	11	26	3	1.87	- 1.53	1.03	15	6.9	6	1	4	1	1	
CYNTHIANA 2	36.3	15.2	25.8		58	13	-21	28	1208	0	11	28	5	2.62		1.09	15	10.0	3	29+	6	1	1	
OANVILLE	37.4	19.0	28.2		59	14	- 4	29+	1136	0	11	27	3	2.33	- 2.95	.95	15	10.9	4	27+	6	2	0	
DIX DAM	40.2	22.1	31.2		59	13+	1	22	1041	0	11	25	0	2.01		.89	15				4	1	0	
FALMOUTH	39.4	17.0	28.2		60	13	-12	28	1135	0	10	27	5	2.79	- 1.23	1.03	15	5.5	3	29+	5	2	1	
FLEMINGSBURG 2	36.4	18.6	27.5		56	13	-11	28	1153	0	12	26	5	2.35		1.43	15				5	1	1	
FRANKFORT LOCK 4	37.9	17.4	27.7	- 8.9	60	13	- 9	29+	1152	0	10	28	2	2.30	- 2.20	1.01	15		2	28+	4	2	1	
LEXINGTON WB AIRPORT	36.1	19.5	27.8	- 6.1	58	13	- 8	28	1144	0	14	24	4	1.71	- 2.79	.54	14	6.2	4	21	5	1	0	
MAYSVILLE DAM 33	36.9	16.5	26.7	- 9.0	58	14	- 8	29	1181	0	11	28	6	2.95	- 1.39	1.02	16		3	27	5	3	2	
MOUNT STERLING	39.3	20.4	29.9		58	13+	- 6	28	1081	0	11	26	3	1.98	- 2.86	1.05	15		4	30+	4	1	1	
RICHMOND	37.5	18.1	27.8		59	14	- 9	28	1145	0	14	27	4	2.58		.87	15	10.0	4	28+	8	2	0	
SHELBYVILLE	36.2	17.1	26.7	- 9.2	58	14	- 8	28	1181	0	12	28	6	2.06	- 3.01	.81	15	7.5	5	1	3	2	0	
WARSAW MARKLAND DAM	37.5	17.5	27.5	- 7.6	55	12	- 8	28	1156	0	10	29	4	2.06	- 2.03	.96	15	7.6	4	1	4	2	0	
WILLIAMSTOWN 5 WSW	35.6	16.0	25.8	- 9.6	58	14	- 9	29+	1206	0	14	30	6	2.69	- 1.74	1.03	15	13.7	7	1	7	2	1	
DIVISION														2.28		- 2.55		8.5						
EASTERN																								
ASHLAND DAM 29	38.9	20.5	29.7	- 8.0	58	7	- 6	28	1087	0	10	26	1	3.02	- .91	1.00	16	12.0	4	28+	5	3	1	
BARBOURVILLE	45.2M	20.8M	33.0M		61	13	-10	28	986	0	6	23	2	3.63		.96	15+	6.0			7	3	0	
BAXTER	41.6	17.0	29.3		59	14	- 5	29+	1097	0	7	28	4	3.52		1.17	15		3	27	6	3	1	
BENHAM	42.2	15.5	28.9		63	14	- 6	22	1112	0	6	28	4	3.82		1.68	15	12.6	6	22+	7	2	1	
BLAINE 1 W	39.2	13.5	26.4		61	14	-17	29+	1190	0	10	30	8	3.69		1.56	15	6.0			7	3	1	
DEWEY DAM	40.8	16.5	28.7		62	13	-13	28	1120	0	7	27	6	4.64		1.75	15	10.0	7	20	9	4	1	
FARMERS	40.0	17.8	28.9	- 7.9	60	13	-17	28	1109	0	10	26	5	2.91	- 1.77	1.03	15	8.4	4	30+	6	3	1	
GRAYSON 1 SE	36.7	16.3	26.5		58	14	-13	28	1184	0	11	25	7	3.47		1.28	15	9.5	4	31+	6	3	2	
HEIDELBERG LOCK 14	42.7	18.0	30.4		58	14+	-14	28	1066	0	6	27	4	3.29	- 1.47	1.02	15	8.0	6	21	7	3	1	
HINDMAN	42.3	19.0	30.7		63	13	-13	28	1060	0	7	26	3	4.21		1.43	14	8.5			8	3	1	
INEZ	42.3	17.2	29.8		64	13	-12	28	1085	0	9	27	5	3.90		.93	15	10.0			8	5	0	
LONDON FAA AIRPORT	38.7	18.1	28.4		60	13	-11	28	1126	0	11	27	6	2.50		.95	14	6.0	3	28+	5	2	0	
MANCHESTER 4 SE	44.4	19.4	31.9		64	13	-11	28	1019	0	6	25	3	3.39		.90	1				8	2	0	
MIDDLESBORO	44.9	20.3	32.6		61	13	- 6	28	999	0	5	25	2	3.37		1.06	1	6.0	2	28+	5	3	1	
MONTICELLO	42.3	20.5	31.4																					

CLIMATOLOGICAL DATA

KENTUCKY
JANUARY 1961

CONTINUED

Station	Temperature													Precipitation												
	Average Maximum	Average Minimum	Average	Departure from Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure from Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days					
										Max		Min.						Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More			
										30° or Above	32° or Below	32° or Below	32° or Below													
PIKEVILLE	43.7	22.6	33.2		65	13	- 1	28	979	0	7	25	1	4.29	.56	1.08	15	7.3	3	28+	9	4	1			
SOMERSET 1 N	41.1	20.9	31.0		58	12	-12	28	1046	0	7	25	3	2.70		.92	19		3	21	6	3	0			
VANCEBURG DAM 32	37.5	19.4	28.5		56	7	- 5	28+	1124	0	12	26	4	2.95	- 1.30	1.23	16		4	21+	5	2	1			
WEST LIBERTY	39.9	15.6	27.8		63	14	-14	29+	1148	0	8	26	7	3.51		1.33	15	6.0			6	3	1			
WILLIAMSBURG 2	45.0	18.4	31.7	- 8.8	65	14	- 6	29+	1024	0	4	28	5	3.25	- 1.45	1.04	1				8	2	1			
DIVISION			29.9	- 8.9										3.45	- 1.14			8.3								

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Midnight CST	6:00 a CST	Noon CST	6:00 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
COVINGTON WB AIRPORT	SW	17	8.5	23	NNW	24	75	79	87	63	7	6	3	0	1	0	17	-	6.5
LEXINGTON WB AIRPORT	SSW	19	8.6	-	-	-	79	84	70	70	7	3	4	1	0	0	15	-	5.8
LOUISVILLE WB AIRPORT	WSW	11	7.9	25	NW	24+	78	85	66	67	8	4	2	1	0	0	15	64	5.5

See Reference Notes Following Station Index

KENTUCKY
JANUARY 1961

See reference notes following Station Index

DAILY PRECIPITATION

KENTUCKY
JANUARY 1961

Continued

Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PAOUCAH FAA AIRPORT	1.77		T											T	1.04	.41	.04		.05	.05	.06												
PAOUCAH	1.40	.22													.75	.25	T				T												
PAINTSVILLE	4.66	.76			T					T					.08	1.59	.75	.05		.02	.75	.05	.01	T	T						.60	T	
PARADISE STEAM PLANT	2.01	.56													.20	.65	.08			.19	.03	.09											
PIKEVILLE	4.29	.53		.01						T					.90	1.08	.31	.11		.87	.11	.14		.03	T						.12	.09	
																															.20	T	
PINEVILLE	3.43	1.12			.03										.32	.69	.21	.12	T	.02	.53	.11	.02	T	T						.10	.16	
PRINCETON	1.44														.45	.47	.07			.29											.16		
RAVENNA LOCK 12	2.57	.62													.10	.80	.38	.06		.23	.25	.06									T	.07	
RICHMOND	2.58	.52		T						T					.14	.87	.25	.02		.28	.20	.10	T								.20		
ROCHESTER LOCK 3	1.78	.41													.23	.58	.04			.19	.05	.14									.08	.06	
RUSSELLVILLE	1.96	.32													.15	.57				.45	.06	.15									.12	.14	
RUSSELLVILLE SUBSTA	1.80	.38													.14	.49	.05	.50				.09									.15		
SALVISA LOCK 6	2.26	.40		T						T					.10	1.10	.23	T		.10	.19	.05	T								.09	T	
SALYERSVILLE 2 SE	4.01	.78													.07	1.56	.58	.08		.27	.42	.10									.15		
SCOTTSVILLE	1.56	.34													.15	.33	.09			.10		.18									.37		
SCOTTSVILLE 2 SW	2.25	.60													.10	.35	.10			.60	.10	.17	T								.13	.10	
SEBREE	-	-			-	-	-	-	-	-	-	-	-	-	-																		
SHAWNEE STEAM PLANT	2.20	.52													1.19	.16																	
SHELBYVILLE	2.06	.66		T											.81	.27	.01			.08	.13										.09	.03	
SHEPHERDSTOWN	2.72	1.20													.15	.80	.30			.05	.02	.02									.06	.09	
																															.02	.16	
SOMERSET 1 N	2.70	.71		T											.55	.21	.11	.01		.92	.02	T									.17	T	
SPRINGFIELD	2.44	.49													.14	.80	.16	T		.25	.46										.07	.07	
STEARNS	2.92	1.00													.40	.58	.05	.07		.18	.36	.07									.09	.12	
SUMMER SHADE	2.05	.59													.13	.39	.05			.60	T	.11									.18	T	
SUMMER SHADE SUBSTA	2.43	.84		T											.12	.35	.16	.03		.50	T	T									.33	.10	
TAYLORSVILLE	2.34	.78		T	T										.20	.73	.30	T			.07	.06									T	.20	
TURKEY CREEK SCHOOL	1.80	.60													.15	.60	.11			.07	.02	.05									.20		
TYRONE LOCK 5	2.12	.45		T											.03	1.06	.21	.02		.04	.14	.05	T								.12		
UNIONTOWN DAM 49	1.59	.65													.79	.05				.07	.02	.01									.05	.05	
VALLEY VIEW LOCK 9	2.17	.40		.01	T					T					.10	.86	.25	T		.28	.16	.02	T								.09	T	
VANBUREN	1.54	.03													.14	.81	.26	.05			.09	.08										.08	
VANCEBURG DAM 32	2.95	.42		T											.83	1.23	.02			.25	.03	T		.03							.14		
WARSAW MARKLAND DAM	2.06	.60		T											.96	.23				.03	.04	.01	.09								.10		
WAYNESBURG 7 NE	3.17	.81													.20	.78	.13	.06		.56	.33	.18									T	.12	
WEST LIBERTY	3.51	.52													.05	1.33	.83	.06		.15	.36	.08		T							.14		
WILLIAMSBURG 2	3.25	1.04													.32	.75	.05	.09		.16	.48	.10	.02								.10	.14	
WILLIAMSTOWN 5 WSW	2.69	.81		T						T	T				1.03	.26	.03			T	.15	.10	T								.10	.16	
WILLOW LOCK 13	3.47	.75													.09	.91	.31	.05		.47	.23	.21	.17		.15						.10	.18	
WOLF CREEK DAM	02.97	1.02													.10	.46	.13	.04	T		.50	.46	.08								.03	.15	
WOODBURY LOCK 4	1.87	.47													.14	.54	.06			.42	.04	.07									.07	.06	

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Odelayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Omissions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

O Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gages. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., EST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual, \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

DAILY TEMPERATURES

KENTUCKY
JANUARY 1961

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AOLISON OAM 45	MAX	38	34	36	34	44	51	56	50	36	36	50	56	56	48	40	41	51	52	38	30	18	30	34	26	26	20	18	22	34	38	38.7	
	MIN	24	28	28	24	24	28	32	30	20	18	20	22	24	24	36	35	37	28	30	20	12	6	8	20	9	9	10	-2	-2	0	0	19.4
ANCHORAGE	MAX	36	32	34	42	49	56	54	42	34	49	54	57	58	51	45	42	49	48	37	28	23	24	32	31	21	23	18	24	31	30	50	38.8
	MIN	30	29	27	17	22	29	31	24	12	16	22	22	24	39	38	34	33	23	27	18	5	-4	10	11	1	13	-1	-11	2	0	11	17.9
ASHLAND OAM 29	MAX	38	35	35	41	52	57	58	51	33	47	56	55	57	49	48	44	44	44	36	28	22	23	31	30	20	20	19	23	33	30	48	38.9
	MIN	32	31	29	27	23	33	31	32	21	16	20	22	23	33	42	32	33	33	26	18	12	2	17	13	1	9	12	-6	2	6	9	20.5
BARBOURVILLE	MAX	41	36	39	49	54	58	55	58	40	54	57	60	61	60	58	50	44	53	52	34		30	40	38	28	32	27	20	38	36	53	45.2
	MIN	33	26	31	23	19	33	25	33	14	13	17	17	20	40	40	35	36	37	30	19		-6	17	20	8	19	15	-10	1	5	15	20.8
BAROSTOWN S J PREP SCH	MAX	37	34	35	45	51	56	57	48	35	52	55	58	59	52	48	40	48	49	45	30	28	27	33	33	21	24	23	24	35	32	53	40.9
	MIN	29	27	27	19	26	31	29	28	11	12	19	20	20	39	37	34	33	24	26	17	7	-3	12	14	0	10	4	-13	2	2	17	18.1
BAXTER	MAX	44	37	41	35	47	50	55	55	39	41	52	55	58	59	48	48	38	44	53	39	27	20	32	40	37	32	31	25	29	40	39	41.6
	MIN	22	14	24	23	19	19	24	25	14	14	14	17	17	20	43	37	35	31	29	20	19	-3	-3	18	6	6	12	-5	-5	4	9	17.0
BEAVER OAM	MAX	36	36	37	49	54	59	56	47	38	53	57	61	60	53	48	41	50	52	48	30	29	32	36	35	26	25	22	27	30	33	54	42.4
	MIN	31	30	27	22	27	33	34	30	15	18	22	22	24	42	37	34	35	25	28	19	7	0	18	16	5	17	2	-16	1	2	18	20.2
BENHAM	MAX	48	40	39	39	47	56	55	54	36	40	53	55	54	63	50	50	36	48	53	43	25	23	34	41	36	29	31	24	31	37	38	42.2
	MIN	20	19	22	24	20	20	24	25	14	13	13	15	16	19	40	33	33	31	31	16	15	-6	-5	22	2	2	2	-4	-3	3	6	15.5
BENTON 2	MAX	39	38	39	50	56	57	55	50	38	54	57	59	65	60		43	47	55	50	33	29	40	37	35	25	22	15	28	36	36	54	43.3
	MIN	31	26	26	26	26	36	36	22	16	15		20	30			32	25	30	15	4		0	20	14	5	10	-5	-10	-2	4	20	17.5
BEREA COLLEGE	MAX	36	43	35	45	53	57	57	55	33	53	56	60	63	59	51	50	48	49	45	30	25	29	33	35	20	26	23	24	30	29	49	42.0
	MIN	30	28	28	24	33	37	39		13	15	28	28	26	38	43	32	32	29	25	13	9	0	21	14	-3	10	8	-5	10	3	21	21.0
BLAINE 1 W	MAX	42	37	35	36	43	53	57	57	40	36	54	55	59	61	48	49	39	43	50	34	26	20	24	32	30	20	23	20	24	35	32	39.2
	MIN	14	31	30	16	16	16	25	25	16	10	10	14	16	18	32	32	34	29	29	17	15	-7	-8	20	-7	-7	12	-17	-17	-8	-2	13.5
BOWLING GREEN FAA AP	MAX	35	33	39	51	55	59	58	38	37	53	57	59	61	49	46	41	33	22	33	38	35	25	25	17	24	38	32	24	38	32	53	41.5
	MIN	32	30	27	35	26	31	36	22	17	18	23	21	25	42	36	35	35	28	26	22	1	0	22	14	9	12	-4	-11	2	6	16	20.5
CAMPBELLSVILLE	MAX	37	33	33	44	52	57	57	51	37	53	55	60	60	54	48	39	44	48	43	29	28	29	34	33	25	26	23	23	36	35	57	41.4
	MIN	31	29	29	24	29	35	37	30	14	17	24	24	28	43	39	34	37	26	29	19	10	1	20	18	4	14	8	-6	5	8	21	22.0
CARROLLTON LOCK 1	MAX	37	35	35	41	47	54	55	52	34	49	54	57	57	57	51	43	50	49	47	30	23	23	30	30	18	22	23	22	30	27	47	39.6
	MIN	31	30	28	16	25	33	33	28	19	14	19	21	22	34	37	35	33	24	28	19	13	2	12	15	-4	12	9	-9	3	0	10	19.1
CECILIA	MAX	34	34	32	34	44	50	54	54	35	32	51	54	56	55	48	40	39	48	48	35	28	20	32	30	21	24	12	20	31	31	29	37.3
	MIN	20	25	28	18	22	27	29	29	13	14	18	21	23	22	38	34	34	24	26	18	8	-1	6	4	4	-5	-14	0	12	5	8	16.5
CLERMONT 1 SSE	MAX	37	35	37	40	53	58	58	56	37	52	58	61	62	59	51	42	50	54	50	31	30	29	35	36	24	23	24	26	34	34	52	42.8
	MIN	31	29	29	19	29	35	35	31	12	13	24	25	22	39	39	36	35	25	30	20	11	-2	14	16	0	13	4	-2	3	2	16	20.1
COVINGTON WB AIRPORT	MAX	36	33	34	37	45	49	51	34	35	47	53	55	57	52	41	38	47	46	37	22	17	22	26	27	17	19	13	20	26	26	43	35.6
	MIN	30	29	28	18	25	35	34	23	21	23	27	29	34	38	31	30	31	30	21	14	5	1	15	7	-3	11	0	-3	7	6	14	19.9
CYNTHIANA 2	MAX	36	35	32	34	38	46	54	56	35	35	49	54	58	57	54	47	40	44	44	35	24	16	20	29	22	20	20	15	18	33	26	36.3
	MIN	16	29	29	25	19	27	32	31	15	13	15	19	19	20	40	36	33	25	25	14	12	2	1	17	-4	1	1	-21	-8	-6	-6	15.2
OANVILLE	MAX	38	33	30	33	41	50	54	54	35	33	51	53	57	59	50	48	37	42	47	33	26	15	31	33	29	21	24	16	23	32	30	37.4
	MIN	24	29	28	23	23	30	35	30	15	15	21	29	28	29	40	38	34	28	27	18	10	0	2	20	1	1	11	-4	-4	6	6	19.0
DEWEY OAM	MAX	42	36	36	35	54	59	58	52	41	37	58	59	62	61	48	51	39	44	50	34	26	19	27	36	35	23	24	22	26	36	34	40.8
	MIN	22	26	30	30	19	24	29	31	19	10	15	17	19	26	36	35	35	35	29	19	17	-9	-8	12	-4	-1	14	-13	-12	2	6	16.5
OIX OAM	MAX	37	33	33	42	51	56	56	56	37	52	55	59	59	57	51	47	43	45	45	29	24	23	31	31	20	22	21	21	31	31	49	40.2
	MIN	30	28	29	23	30	35	33	30	15	17	25	27	25	40	44	35	33	30	32	16	11	1	18	21	2	11	7	4	9	6	17	22.1
ELIZABETHTOWN	MAX	36	35	34	45	52	56	56	45	45	50	56	53	57	57	47	48	48	51	48	32	28	27	33	30	22	23	19	22	32	32	52	41.0
	MIN	32	29	30	23	26	28	33	26	14																							

DAILY TEMPERATURES

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Continued

Station		Day Of Month																															Average			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
IRVINGTON	MAX	37	34	36	44	50	56	55	41	37	52	55	60	60	51	45	37	40	51	53	52	42	30	25	27	0	33	28	23	24	19	25	34	34	53	40.4
	MIN	30	29	27	20	27	31	36	28	13	27	28	23	26	40	35	35	35	51	23	28	18	8		2	0	13	11	4	15	5	-7	6	5	20	20.7
LEITCHFIELD	MAX	35	39	36	48	53	57	57	44	35	53	57	59	61	53	45	44	49	51	44	33	24	30	35	34	23	25	21	25	33	35	53	41.6			
	MIN	30	29	26	23	29	33	34	28	15	20	27	29	31	41	36	34	36	25	27	19	7		2	17	16	5	15	4	-5	9	8	23	21.7		
LEXINGTON W8 AIRPORT	MAX	33	30	32	40	48	53	54	35	32	48	52	56	58	51	48	38	43	40	35	24	19	23	31	27	15	21	14	19	29	27	45	36.1			
	MIN	30	28	25	22	28	34	34	30	16	21	27	29	33	41	37	33	33	28	21	15	1		23	31	16	1	12	-1	8	8	2	13	19.5		
LONDON FAA AIRPORT	MAX	35	32	33	45	52	55	56	39	33	51	54	56	60	49	49	38	40	50	34	26	23	25	34	29	22	28	18	22	32	32	49	38.7			
	MIN	31	29	23	22	25	29	31	20	16	15	18	20	21	41	38	34	35	30	23	19	-6		25	34	29	4	17	-3	-11	0	4	17	18.1		
LOUISVILLE	MAX	36	34	35	43	50	55	54	38	33	50	54	58	58	50	43	40	49	50	40	28	18	25	30	31	20	22	18	24	30	30	50	38.5			
	MIN	32	31	30	26	33	38	38	24	20	20	29	30	32	41	39	35	35	20	24	18	6		7	18	11	3	11	4	0	14	12	22	22.7		
LOUISVILLE W8 AP	MAX	35	32	33	41	49	55	55	38	31	50	54	57	56	47	43	40	49	49	37	27	18	24	31	32	21	22	14	22	30	30	50	37.8			
	MIN	32	30	30	22	29	33	37	22	17	15	21	23	24	40	38	34	34	23	23	18	5		4	17	8	3	11	0	-8	4	5	15	19.8		
LOVELACEVILLE	MAX	36	35	37	47	54	58	55	45	41	51	57	61	66	57	44	40	51	57	50	31	27	37	39	37	28	31	24	31	32	38	55	43.6			
	MIN	32	30	21	22	25	27	34	27	18	16	21	21	25	44	38	35	32	25	31	17	3		37	39	28	8	19	2	-10	8	5	18	20.4		
MAOISONVILLE 1 SE	MAX	37	34	37	49	52	58	56	48	40	54	56	61	60	53	48	40	49	57	52	32	28	33	37	37	26	25	22	29	30	35	53	42.8			
	MIN	32	30	29	27	29	36	34	29	15	17	23	23	24	41	36	34	34	25	29	18	3		4	16	15	4	16	2	-11	8	2	20	20.8		
MAMMOTH CAVE PARK	MAX	35	35	34	44	53	58	58	53	35	48	55	59	61	56	48	38	47	52	48	32	28	32	35	32	26	25	25	24	36	34	50	41.8			
	MIN	31	29	28	22	31	34	38	33	12	18	26	24	28	42	37	34	33	25	31	20	8		0	19	18	5	15	6	-9	7	4	21	21.6		
MANCHESTER 4 SE	MAX	43	36	37	49	55	59	60	54	39	55	58	61	64	54	52	50	43	55	46	34	25	30	40	34	25	31	29	29	38	38	53	44.4			
	MIN	32	29	27	23	19	34	25	31	15	12	16	17	19	38	36	35	36	39	29	19	15		-10	19	18	5	15	5	-11	-1	4	12	19.4		
MAYFIELD	MAX	35	35	38	46	53	57	58	45	42	51	56	62	68	59	45	40	50	58	54	32	31	38	38	37	28	28	24	28	33	32	54	43.7			
	MIN	32	29	23	27	30	33	41	27	19	20	27	23	28	44	35	35	34	28	30	18	5		11	19	16	8	20	6	0	10	10	24	23.0		
MAYSVILLE OAM 33	MAX	36	35	34	34	39	49	55	56	34	34	49	55	57	58	56	47	40	44	41	34	24	19	21	29	28	21	20	21	31	26	36.9				
	MIN	15	30	29	25	21	21	29	30	21	14	14	21	21	22	35	35	34	29	29	19	14		-1	0	16	-5	-6	10	-7	-8	1	3	16.5		
MIDDELSBORO	MAX	42	44	39	51	51	56	51	50	39	51	55	60	61	56	50	48	45	57	51	34	30	29	44	40	34	31	30	39	42	51	44.9				
	MIN	34	24	31	24	19	30	22	34	14	13	16	14	17	40	44	36	35	29	29	20	14		-4	16	21	6	18	15	-6	4	7	14	20.3		
MONTICELLO	MAX	38	32	37	48	54	57	57	49	36	54	56	60	61	51	49	38	42	52	40	33	29	32	38	37	28	30	23	25	35	38	52	42.3			
	MIN	32	30	30	22	24	37	28	30	14	14	18	17	21	41	38	34	36	26	29	19	9		-8	23	17	7	18	10	-8	4	8	16	20.5		
MOUNT STERLING	MAX	37	34	35	41	51	55	56	54	35	50	55	58	58	53	48	48	42	42	41	27	22	23	32	28	20	24	22	21	31	29	45	39.3			
	MIN	30	28	28	24	28	34	36	27	17	17	26	29	27	38	42	34	31	30	25	15	10		-2	11	15	-4	10	6	-6	9	6	12	20.4		
MURRAY	MAX	35	36	39	52	55	59	56	47	40	55	58	61	65	61	58	49	51	59	53	35	31	40	42	39	29	30	24	29	35	38	55	45.7			
	MIN	31	30	25	27	30	34	29	37	18	20	24	24	28	44	30	28	34	28	32	17	4		9	19	17	8	21	12	4	7	9	22	22.6		
OWENSBORO 2 W	MAX	36	33	36	45	48	56	53	45	38	51	56	59	59	50	44	42	50	55	47	29	25	29	34	33	28	25	20	27	28	34	53	40.9			
	MIN	31	30	24	20	28	33	36	30	18	21	25	25	28	42	38	35	35	28	28	19	8		3	13	15	6	17	1	-9	6	4	23	21.2		
PAUCAH FAA AIRPORT	MAX	35	34	37	47	51	55	53	37	39	50	54	61	65	49	48	40	48	53	43	31	16	36	37	33	27	27	14	29	30	36	52	40.7			
	MIN	31	29	22	28	32	34	37	22	18	19	26	23	25	44	36	35	30	26	24	15	1		7	15	10	7	11	-4	-3	8	6	24	20.6		
PAUCAH	MAX	35	38	40	50	54	59	55	48	39	54	58	62	64	54	42	41	50	54	50	36	29	37	39	35	29	30	25	32	33	52	43.8				
	MIN	32	31	26	24	31	34	40	28	18	16	22	23	25	40	37	35	33	29	32	17	4		11	12	16	6	18	5	5	7	15	17	22.2		
PARADISE STEAM PLANT	MAX	33	35	33	40	52	56	60	59	40	41	55	59	62	62	51	41	41	51	58	38	32	17	33	38	24	29	29	24	28	34	37	41.7			
	MIN	24	30	28	27	28	30	30	31	14	14	17	22	22	25	39	34	34	26	26	20	8		1	2	20	9	1	-12	-8	4	5	18.0			
PIKEVILLE	MAX	39	38	36	49	55	61	61	49	38	56	62	59	65	44	51	48	50	55	38	31	22	32	41	36	28	26	23	32	40	37	53	43.7			
	MIN	35	27	30	32	23	31	29	32	21	16	19	22	22	36	42	37	36	34	31	22	15		2	20	20	4	15	15	-1	4	1				

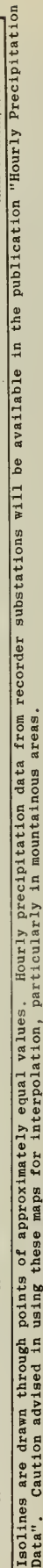
SNOWFALL AND SNOW ON GROUND

KENTUCKY
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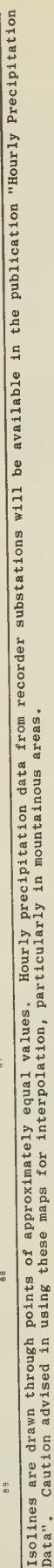
Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BEAVER DAM	SNOWFALL SN ON GND	1	1																			- 1						- 3	3	3	2		
BENHAM	SNOWFALL SN ON GND	T T		T T	.6 T				T T	T T								.5			5.0 4	3.0 6	1.0 6	T 3	1 4	T 1	.5 1	2.0 2	T 2	1	1	1	
BEREA COLLEGE	SNOWFALL SN ON GND	1.8 2	2	.1 2	1	T														3.0 3	1.0 4	.5 4		4 4	4 4	3	.5 4	.1 4	2	2	2	1	
BOWLING GREEN FAA AIRPORT	SNOWFALL SN ON GND	1.0 1	1												T						2.0 2	2.0 2					2.0 2	2.0 2	2	2			
CAMPBELLSVILLE	SNOWFALL SN ON GND	1.7 1	T 1	T 1	T																T T	1.0 1	1.0 1	T T	T T	T T	2.0 2	2	2	T	T	T	
COVINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	.4 6 .5	T 5 .5	T 5 .5	4 4 .4	4 4 .5	3 3 .3	T T T	T T T	T T T							T			1.4 T	.8 2	.4 3	.3 1	1.4 3	T 2	1 1	2.1 1	.1 3	3 2	2 2	1		
CYNTHIANA	SNOWFALL SN ON GND	3.5 3	2	T T	T T	T T				T T											T 1	1.5 2	.5 1	T 1	T 1	T 1	2.9 1	.3 3	4 3	2 2	2 2		
DANVILLE	SNOWFALL SN ON GND	5.0 3	3	T 2	T 2	1	T			T T											1.2 1	2.0 3	1.0 4	.2 4	4 4	4 4	3	3	4 3	3 3	3 3	3	
DEWEY DAM	SNOWFALL SN ON GND									T T											2.0 2	5.0 7	1.0 5	T 5	2 2	2 1	2.0 1	3 3	3 3	2 2	1		
EDDYVILLE LOCK F	SNOWFALL SN ON GND	1.5 -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	-	-	-	-	1.5	-	-	-	-	-	
FARMERS	SNOWFALL SN ON GND	2.0 2	1	T 1	T 1	T T	T T														1.9 2	1.5 3	1.0 4	T 4	T 4	3 3	T 3	2 4	T 4	4 4	4 4	3	
FORDS FERRY DAM 50	SNOWFALL SN ON GND	2.5 3	3	1	1	1	T															1.0 1	1	T T	T T		1.0 1	1	1	1	1	T	
GEST LOCK 3	SNOWFALL SN ON GND																					-	-	-	-	-	-	-	-	-	-	-	
HAZARD WATER WORKS	SNOWFALL SN ON GND																					-	-	3 T	T T		-	-	4 3	3 3	1	T	
HEIDELBERG LOCK 14	SNOWFALL SN ON GND	T T																			1.0 1	4.0 5	1.2 6	T 5	4 4	4 3	3 3	1.8 5	T 5	4 4	4 4	3	
HENDERSON 7 SSW	SNOWFALL SN ON GND	.5 2	1	T											T						T T	1.0 1	1	T T	T T		2.5 2	2	1	1	T		
HOPKINSVILLE	SNOWFALL SN ON GND	.8 1																				T 2	2.5 3	-	-	-	1.5 2	.5 2	1	T	T		
IRVINGTON	SNOWFALL SN ON GND	4.0 3	3	1	T	T															T T	T 1	.7 1	T T	T T		1.8 2	2	2	T	T		
LEXINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	.7 3 .2	T 2 .3	T 2 .2	2 2 .2	T T .2	T T .2			T T T											2.6 1	1.0 3	.5 4	3 3	2 3	2 3	1.4 2	T 3	3 3	3 3	2 2	2 2	
LONDON FAA AIRPORT	SNOWFALL SN ON GND	T T	T T	T T																	1.0 1	1.1 1	.9 3	3 2	1 1	1 1	3.0 1	T 3	3 3	2 2	2 2		
LOUISVILLE WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	.1 2 .5	T 1 1	T 1 1	1 1 T	T T T	T T T			T T T											.1 T	.7 1	.1 1	1 T	.1 T	T T	2.7 T	T 3	2 2	2 2	1 1		
MAMMOTH CAVE PARK	SNOWFALL SN ON GND	2.5 2	2	2	1	T															T T	.3 T	2.0 2	1			2.0 2	2	2	1	T		
MAYSVILLE DAM 33	SNOWFALL SN ON GND	- 2	1	1	1	T															- T	- 1	- 2	2 2	2 2	2 2	1 1	- 3					
MIDDLESBORO	SNOWFALL SN ON GND				T																	.8 1	2.0 2	.3 1			.9 1	2.0 2	T 2	1	T	T	
MILLERSTOWN	SNOWFALL SN ON GND	- 2																				.5 1	1.0 1	1			.5 1	1.3 2	1	1	1	T	
MONTICELLO	SNOWFALL SN ON GND																					- 1	1.5 3	-	-		.5 2	2.0 2	-	-			
MURRAY	SNOWFALL SN ON GND	- 2	1																			- T					- 3						
OWENSBORO 2 W	SNOWFALL SN ON GND	4.0 3	2	2	2	1	T	T	T												T	1.0 1	1	1	T	T	2.0 2	2	2	2	1	T	
PADUCAH FAA AIRPORT	SNOWFALL SN ON GND	2	1	1	T																T	1.0	1	1			1.2 2	2	1	1	1	T	
PIKEVILLE	SNOWFALL SN ON GND				T					T											1.5 T	1.5 3	2.0 3	3 3	.3 2	T 1	1	2.0 1	T 3	3 3	1	T	
RUSSELLVILLE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SOMERSET 1 N	SNOWFALL SN ON GND	T T	T T	T T																		- T	- T	3 3	1 T	T T	T T	-	T	T	T	T	T
SUMMER SHADE	SNOWFALL SN ON GND	1.0 1	1	T																		T	2.0 2	2	T	T		3.0 3	T 3	3 3	2	T	
WILLIAMSTOWN 5 WSW	SNOWFALL SN ON GND	8.1 7	5	5	4	4	2	T	T	T	T	T									T	1.5 2	1.0 2	2	1.5 3	2	2	2	1.6 3	T 3	3 3	2	2

See reference notes following Station Index.

KENTUCKY
JANUARY 1961



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STATION INDEX

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STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES					OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES					OBSERVER
							TEMP.	PRECIP.	EVAP.	SPECIAL	TEMP.									PRECIP.	EVAP.	SPECIAL			
ADDISON DAM 45	0031	BRECKINRIDGE	7	37 55	86 34	380	6A	6A				C	CORPS OF ENGINEERS	LITTLE HICKMAN LOCK 8	4825	JESSAMINE	4	37 45	84 35	521	7A			C	CORPS OF ENGINEERS
ALBANY & W	0063	CLINTON	1	36 45	85 08	1050	7A						MRS. BARBARA M. COOL	LOCKPORT LOCK 2	4857	HENRY	4	38 26	84 58		6A			C	CORPS OF ENGINEERS
ANCHORAGE	0155	JEFFERSON	7	38 16	85 33	700	7P	7P					CHARLES G. BARRET	LOCK 1 S	4882	CLARK	4	37 51	84 02	773				C	HUBERT BURGER
ASHLAND DAM 29	0254	BOYO	7	38 27	82 36	551	6P	6P					CORPS OF ENGINEERS	LONDON	4893	LAUREL	2	37 08	84 04	1195				C	KNOXVILLE FERTILIZER CO.
BARBOURVILLE	0381	KNOX	3	36 53	83 53	1000	6P	6P					UNION COLLEGE	LONDON FFA AP	4898	LAUREL	2	37 05	84 05	1191	MID	MID		C	FED. AVIATION AGENCY
BARSTOWN S J PREP SCH	0397	NELSON	8	37 48	85 28	631	5P	5P					H ST. JOSEPH PREP. SCHOOL	LOUISA 2	4946	LAWRENCE	1	38 07	82 36	585	8A			C	HAROLD C. FERGUSON
BARTER	0450	HARLAN	2	36 51	83 20	1164	7A	7A					C	LOUISVILLE	4949	JEFFERSON	7	38 14	85 46	462	MID	MID		C	LOUISVILLE G. & E. CO.
BEAVER DAM	0490	OHIO	3	37 25	86 52	441	6P	6P					H E. G. YOUNG	LOUISVILLE BOWMAN FLD	4951	JEFFERSON	7	38 13	85 40	558				C	CORPS OF ENGINEERS
BENHAM	0595	HARLAN	2	36 58	82 57	1585	8A	8A					H C. C. WHITEAKER	LOUISVILLE WB AP	4954	JEFFERSON	7	38 11	85 44	474	MID	MID		C	U.S. WEATHER BUREAU
BENTON	0611	MARSHALL	9	36 51	88 20	395							C	LOUISVILLE UPPER GAGE	4955	JEFFERSON	7	38 17	85 48	403	6A			C	CORPS OF ENGINEERS
BENTON 2	0615	MARSHALL	9	36 51	88 20	305	5P	5P						LOVELACEVILLE	4967	BALLARD	6	36 58	88 50	370	5P	5P		C	BLAINE MALONE
BEREA COLLEGE	0619	MAISON	4	37 34	84 18	1070	6P	6P					C	LUCAS	5002	BARREN	3	36 53	88 02	738				C	WILLARD E. FOSTER
BEREA WATER WORKS	0624	MAISON	4	37 33	84 15	1010	7A						MRS. LAURA B. GABBARD	MAIDSONVILLE 1 SE	5067	HOPKINS	3	37 19	87 29	439	5P	7A		C	HOMER WELBORN, JR.
BONNIEVILLE	0854	HART	3	37 23	85 54	684	5P	5P					C	MANMOTH CAVE PARK	5111	CLAY	4	37 06	83 43	850	6P	7A		C	NATIONAL PARK SERVICE
BOWLING GREEN	0904	WARREN	3	37 00	86 26	536	7A						JAMES R. EDWARDS	MARTIN 1 SSW	5171	FLOYD	1	37 33	82 45	655	7A			C	JAMES D. HUGHES
BOWLING GREEN SUBSTA	0907	WARREN	3	37 01	86 26	470	5A						TV-639	MAYFIELD	5230	GRAVES	6	36 44	88 39	364	6P	7A		C	MAYFIELD ELEC. & WTR. CO.
BOWLING GREEN FFA AP	0909	WARREN	3	36 58	86 26	535	MID						H	MAYSVILLE DAM 33	5243	MASON	7	38 38	83 42	515	7A			C	CORPS OF ENGINEERS
BRENT DAM 30	0978	CAMPBELL	3	37 12	86 16	405	7A						FED. AVIATION AGENCY	MC KEE	5291	JACKSON	2	37 26	84 00	1000	8A			C	MRS. WINNIE W. MORAN
BROWNVILLE LOCK 6	1046	EDMONSON	3	37 12	86 16	405	7A						ELDRIDGE SKAGGS	MC KINNEYTON	5301	PENDELTON	5	38 36	84 16	662				C	RICHARD T. SYMON
BUCKHORN	1080	PERRY	4	37 21	83 23	936							C	META	5370	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
BURDINE 2 NE	1120	PIKE	1	37 13	82 35	1643	8A						C	MIDDLEBORO	5389	BELL	2	36 37	83 43	1130	5P	7A		C	MRS. LELA M. HERRELL
BURKESVILLE	1137	CUMBERLAND	2	36 47	85 22	600	7A						C	MIDDLEBORO SEWAGE PL	5394	BELL	2	36 38	83 43	1130				C	CITY OF MIDDLESBORO
CADIZ LOCK E	1206	TRIGG	2	36 46	87 58	384	7A						C	HIWAT	5407	WOODFORD	4	38 09	84 41					C	CITY OF MIDWAY
CALHOUN LOCK 2	1227	MC LEAN	3	37 32	87 16	402	7A						C	MILLERSBURG	5430	BOURBON	5	38 18	84 09	789				C	CITY WATER WORKS
CAMPBELLVILLE	1256	TAYLOR	3	37 20	85 21	771	6P	6P						HILLERSTOWN	5438	GRAYSON	3	37 27	86 03	588				C	H OVA M. LAWLER
CANEVILLE	1294	GRAYSON	3	37 25	86 30	600	7A						C	MONTICELLO	5524	WAYNE	2	36 50	88 50	928	6P	7A		C	MURRAY STATE COLLEGE
CARROLLTON LOCK 1	1345	CARROLL	4	38 41	85 11	480	6A						C	MOREHEAD STATE COLLEGE	5555	ROMAN	5	38 11	83 26	770	5P	8P		C	PROF. HENRY C. HAGGAN
CECILIA	1406	HAROLD	8	37 40	85 57	734	7A	7A						MOUNT STERLING	5640	MONTGOMERY	5	38 04	83 56	930	5P	8P		C	FRED CARROLL
CLAY CITY 1 WNW	1576	POWELL	4	37 52	83 56	712	7A						C	MOUNT VERNON	5648	ROCKCASTLE	2	37 21	84 20	1137	8A	8A		C	CITY OF MT. VERNON
CLERHUNT 1 SSE	1611	BULLITT	6	37 55	85 40	540	5P	5P						MUNFORDVILLE	5684	HART	3	37 16	85 53	624				C	SHERMAN C. PUCKETT
CLINTON	1631	HICKMAN	6	36 41	89 00	390	7A						C	MURRAY	5694	CALLOWAY	9	36 36	88 20	622	6P	7A		C	MURRAY STATE COLLEGE
CLINTON	1643	CALDWELL	2	36 59	87 47	490	7A						C	OLIVE HILL 2 WNW	6013	CARTER	7	38 19	83 12	895				C	GEORGE E. OVAL
COLLEGE HILL LOCK 11	1704	ESTILL	4	37 47	84 06	611	7A						C	OLNEY	6020	HOPKINS	7	37 14	87 47	533	8A			C	MELVIE PARLEE NEISZ
COVINGTON WB AIRPORT	1855	BOONE	7	39 04	84 40	869	MID						C	ONEIDA	6028	CLAY	4	37 16	83 35	750				C	MRS. ANNA L. BROWN
CUMBERLAND FALLS ST PK	1969	WHITLEY	2	36 50	84 19	1070	5P							ONEIDA DAM 35	6033	CAMPBELL	7	38 58	84 18	512				C	CORPS OF ENGINEERS
CYNTHIANA	1998	HARRISON	5	38 23	84 17	719	8A	8A						OWENSBORO 2 W	6091	OATIESS	8	37 46	87 09	420	6P	7A		C	H VIRGIL O. CLARK
CYNTHIANA 2	2003	HARRISON	5	38 23	84 17	719	8A	8A						OWENSBORO DAM 46	6096	OATIESS	7	37 47	87 07	404	6A			C	CORPS OF ENGINEERS
DANVILLE	2040	BOYLE	4	37 39	84 46	955	7A	7A						PAUDCAH FFA AIRPORT	6110	MC CRACKEN	7	37 04	88 46	398	MID			C	FED. AVIATION AGENCY
DAVELLA	2053	MARTIN	1	37 48	82 32	718							C	PAUDCAH	6115	MC CRACKEN	7	37 06	88 37	340	5P	8P		C	WESTERN P. LACKEY
DELPHIA 1 E	2132	PERRY	4	37 02	83 07	1647	8A							PAUDCAH SEWAGE PLANT	6117	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PAUDCAH
DENA	2138	KNOTT	1	37 25	82 48	850	7A							PAINTSVILLE	6136	JOHNSON	1	37 49	86 48	620	7A			C	JESSE FAIRCHILD
DEWEY DAM	2180	FLOYD	1	37 45	82 47	653	7A	7A					C	PARADE STEAM PLANT	6155	HUMENBURG	9	37 16	82 59	402	7A	7A		C	U.S. WEATHER BUREAU
DIX DAM	2214	MERCER	4	37 48	84 43	870	4P	7A						PIKEVILLE	6156	CLARK	8	37 16	82 59	402	7A			C	FOLEY PARTIN
DUNDEE BARRETT'S FORD BR	2358	DUN	3	37 33	86 43	440	7A							PIKEVILLE	6156	CLARK	8	37 16	82 59	402	7A			C	FOLEY PARTIN
DUNMORE	2366	HUMENBURG	3	37 05	87 00	592	7A							PRINCETON	6575	CALDWELL	2	37 06	87 53	529	5P	5P		C	ALTON M. HARVILL
DYER	2391	BRECKINRIDGE	3	37 43	86 13	793							C	RAVENNA LOCK 12	6679	ESTILL	4	37 40	83 57	634	7A			C	CORPS OF ENGINEERS
EDDYVILLE LOCK F	2445	LYON	2	37 03	88 05	420	7A						C	RICHMOND	6805	MAISON	4	37 44	84 18	1122	8A	8A		C	THOMAS C. HERMON
EDMONTON	2469	HITCALFE	3	37 00	85 37	888	6A						C	ROCHESTER LOCK 3	6882	OHIO	3	37 13	86 54	401	7A			C	CORPS OF ENGINEERS
ELIZABETHTOWN	2510	CAMPBELL	3	37 41	85 52	739	6P	6P						RUSSELLVILLE	7049	LOGAN	3	36 51	86 53	590	6P	7A		C	MRS. HILDA L. COX
ELKHORN CITY	2528	PIKE	1	37 18	82 21	800	7A							RUSSELLVILLE SUBSTA	7054	LOGAN	3	36 50	86 54	576	7A			C	TV-683
ELKTON 2 S	2548	TOWNS	2	36 47	87 10	520	7A							SAOEVILLE	7074	SCOTT	4	38 23	84 33	791				C	MRS. TRESSIE A. RALSTON
FALMOUTH	2775	PENDELTON	5	38 40	84 20	560	6P	7A						ST MARY	7096	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
FARMERS	2780	ROHAN	8	37 33	83 33	648	4P	7A						SALVIA LOCK 6	7121	WOODFORD	4	37 56	84 49	490	6A			C	CORPS OF ENGINEERS
FLEMINGSBURG	2903	FLEMING	5	38 25	83 43	858	7A							SALVERSVILLE	7129	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARONER
FLEMINGSBURG 2	2908	FLEMING	5	38 25	83 43	911	6P	MID					C	SALVERSVILLE 2 SE	7134	MAGOFFIN	5	37 44	83 03	920	7A			C	FORREST C. WILLIS
FORD LOCK 10	2953	MAISON	4																						

51.05
NKE

U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

FEBRUARY 1961
Volume 56 No. 2



ASHEVILLE: 1961

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KENTUCKY - FEBRUARY 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 77° on the 14th at Williamsburg 2

Lowest Temperature: 2° on the 4th at Bardstown SJ Prep School

Greatest Total Precipitation: 7.97 inches at Mayfield

Least Total Precipitation: 1.69 inches at BLAINE 1 W

Greatest One-Day Precipitation: 4.62 inches on the 21st at Murray

Greatest Reported Total Snowfall: 14.6 inches at Louisville

Greatest Reported Depth of Snow on Ground: 13 inches on the 25th at
Louisville

CLIMATOLOGICAL DATA

KENTUCKY
FEBRUARY 1961

Station		Temperature										Precipitation												
		Average Maximum	Average Minimum	Average	Deviation From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Deviation From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
											Max		Min						Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
											1st or 2nd	3rd or 4th	1st or 2nd	3rd or 4th										
WESTERN																								
BEAVER OAM		54.1	31.9	43.0		73	18	6	4	609	0	3	16	0	4.73		.82	22	8.0	7	25	8	6	0
BENTON 2		54.4	30.7	42.6		72	18	10	5+	623	0	2	17	0	6.13		1.46	22						
FORDS FERRY OAM 50		51.9	30.6	41.3		74	18	11	5	657	0	3	18	0	3.46	.10	1.04	8	3.8	2	4+	7	3	1
GOLDEN POND 8 N		56.9	31.8	44.4		75	18+	5	4	572	0	2	16	0	6.85		2.00	22	2.0					
GREENVILLE 2 W		54.0	32.4	43.2	3.6	73	19+	7	4	603	0	3	15	0	4.93	1.24	1.08	22		3	25	10	4	1
HENDERSON 7 SSW		51.8	30.5	41.2	2.4	73	18	8	4	662	0	3	18	0	3.83	.33	.91	22	6.5	4	25	8	3	0
HICKMAN 1 E		54.4	31.9	43.2		74	17	15	4	606	0	2	16	0	6.93		2.44	22						
HOPKINSVILLE		53.9	29.6	41.8	1.6	75	19+	10	4	644	0	2	17	0	6.29	2.35	1.96	22						
LOVELACEVILLE		54.7	32.3	43.5	2.9	74	18	10	4	594	0	2	14	0	5.94	1.71	1.65	22						
MAITSONVILLE 1 SE		54.1	31.8	43.0		74	18	12	4	612	0	3	16	0	5.51		1.71	22						
MAYFIELD		54.9	34.0	44.5		75	18	14	4	585	0	2	14	0	7.97		2.63	22						
MURRAY		56.0	30.5	43.3	2.0	74	18	8	4	605	0	2	14	0	4.62		4.62	21	1.0	1	25	8	5	1
OWENSBORO 2 W		51.9	32.1	42.0	3.5	73	18	12	4	636	0	3	15	0	4.55	1.29	1.00	22	9.5	8	26	8	5	1
PAOUCAH FAA AIRPORT		51.1	31.3	41.2		71	18+	10	4	659	0	3	15	0	5.59		1.12	21	2.5	1	25+	10	4	2
PAOUCAH		55.6	32.8	44.2		75	18	10	4	576	0	3	15	0	5.02	1.12	1.58	22	4.0					
PARAPOSE STEAM PLANT		53.4	28.6	41.0		74	13	7	5+	665	0	3	21	0	5.17		1.24	22						
PRINCETON		55.1	29.5	42.3	2.2	75	18+	5	4	631	0	3	18	0	6.04	2.06	1.70	22						
RUSSELLVILLE		56.6	32.9	44.8	5.9	73	18+	11	4	556	0	0	15	0	5.98	1.85	1.82	22						
DIVISION				42.8		3.0								5.58	1.74			4.7						
CENTRAL																								
ADISON OAM 45		51.0	30.4	40.7		69	14	16	5+	674	0	4	16	0	5.29	1.64	1.65	26	9.3	8	26	11	2	1
ANCHORAGE		50.4	28.9	39.7	3.2	71	24	6	4	701	0	3	19	0	4.79	1.89	1.84	25	11.4	9	25	9	2	1
BAROSTOWN S J PREP SCH		53.0	28.6	40.8		71	24+	2	4	669	0	2	19	0	4.15		1.07	25	7.3					
BOWLING GREEN FAA AP		53.3	33.1	43.2	2.7	73	13	12	4	604	0	2	13	0	5.40	1.37	1.30	28	.3	1	25	10	5	2
CAMPBELLVILLE		55.4	33.0	44.2		71	24+	6	4	576	0	1	13	0	4.65		1.42	25	5.0	4	25	7	3	1
CECILIA		49.9	29.3	39.6	2.0	70	24+	5	4	703	0	4	18	0	4.77	1.00	1.12	8						
CLERMONT 1 SSE		54.6	29.8	42.2		73	24	4	4	631	0	2	19	0	4.50		1.22	25						
ELIZABETHTOWN		52.7	29.8	41.3		70	13	4	4	658	0	2	18	0	3.90		.95	25+		7	25	9	3	0
GLASGOW WKAY		55.1	32.8	44.0		71	24+	7	4	583	0	2	14	0	4.61		1.13	25	3.0	2	25	7	4	2
GREENSBURG		53.0	28.5	40.8	1.6	72	14	7	4	672	0	2	17	0	4.80	1.06	1.16	25	5.5	5	26	8	5	1
IRVINGTON		52.1	31.2	41.7	3.1	72	18	8	4	666	0	3	16	0	4.68	1.15	1.68	25	12.5	10	25	10	2	1
LEITCHFIELD		52.5	32.6	42.6	3.4	72	13	10	4	621	0	2	15	0	4.33	.38	1.15	22	7.1	6	26	8	4	1
LOUISVILLE		49.4	32.1	40.8		69	24	13	4+	674	0	4	15	0	4.38		1.40	25	14.6	13	25	8	3	1
LOUISVILLE WB AP		48.5	29.6	39.1	1.9	70	24	6	4	721	0	3	17	0	5.24	2.25	2.04	25	12.5	9	26	7	3	2
MAMMOTH CAVE PARK		55.3	32.6	44.0		72	24+	4	4	572	0	1	15	0	4.71		1.00	22	4.2	3	25	9	3	1
SCOTTSVILLE		57.4	34.3	45.9		71	16+	10	4	529	0	1	13	0	5.16		1.38	28	3.0					
SUMMER SHADE		56.0	32.1	44.1		72	13	7	4	578	0	1	14	0										
WOLF CREEK OAM		54.5	29.3	41.9		73	14	10	5+	642	0	1	18	0	4.67		.90	28						
DIVISION				42.0		3.2								4.71	1.01			7.4						
BLUE GRASS																								
BEREA COLLEGE		54.7M	32.2M	43.5M	4.2	74	14+	8	4	627	0	1	15	0	2.73	-.91	.83	28	2.0	1	25+	8	2	0
CARROLLTON LOCK 1		51.7	29.6	40.7		69	24+	14	2	673	0	2	19	0	4.10	1.27	1.21	26	10.0	8	26	8	3	1
COVINGTON WB AIRPORT		47.0	30.3	38.7	4.8	70	24	9	2	729	0	4	17	0	3.56	1.01	1.55	25	13.3	5	9+	7	1	1
CYNTHIANA 2		49.9	27.9	38.9		70	25+	10	5	724	0	1	20	0	3.76		1.11	25		3	26			
OANVILLE		50.2	30.0	40.1		71	14	9	4	689	0	2	19	0	3.99	.23	.95	25	4.0	3	26	8	3	0
OIX OAM		53.1	31.9	42.5		72	14+	8	4	621	0	2	16	0	3.44		.90	25						
FALMOUTH		51.1	28.8	40.0		72	24+	13	4	696	0	2	20	0	3.63	.56	1.06	26	5.5	3	26	7	2	1
FLEMINGSBURG 2		49.6	29.8	39.7		69	24	9	4	702	0	1	19	0	2.94		.70	8						
FRANKFORT LOCK 4		50.7	28.5	39.6	1.7	70	25+	11	4	703	0	2	20	0	3.37	.23	.76	25	6.1	4	26	9	2	0
LEXINGTON WB AIRPORT		49.4	32.0	40.7	4.7	69	13	8	4	672	0	4	16	0	3.89	.39	1.32	25	4.6	4	26	7	3	1
MAYSVILLE OAM 33		48.8	27.0	37.9	1.4	72	14	10	1	750	0	2	22	0	3.36	.12	.74	25	5.5	2	26+	7	4	0
MOUNT STERLING		52.1M	31.2M	41.7M		73	13	9	4	645	0	1	14	0	3.95	.54	1.33	25	6.5	4	25			
RICHMOND		50.1	29.9	40.0		72	14	5	4	693	0	1	18	0	3.95		.92	25	3.0	2	26	9	4	0
SHELBYVILLE		48.5	28.4	38.5	1.3	69	25	10	4	737	0	4	20	0	4.03	.53	1.00	25	10.8	10	26	9	3	1
WARSAW MARKLAND OAM		48.9	29.2	39.1	2.7	71	24	11	2	722	0	4	19	0	4.59	1.39	1.72	26	6.0	3	8	7	4	1
WILLIAMSTOWN 5 WSW		47.6	26.6	37.1	.7	69	25	11	4+	775	0	4	22	0	3.35	.10	.77	25	9.0	4	26+	7	3	0
DIVISION				39.9		2.2								3.67	.24			6.6						
EASTERN																								
ASHLAND OAM 29		51.8	30.5	41.2	2.6	74	13	13	2	662	0	2	19	0	2.79	-.09	.88	26	5.6	2	26+	5	3	0
BARBOURVILLE		58.1M	32.1M	45.1M		74	13	10	4	550	0	0	18	0	5.53		1.22	22						
BAXTER		54.6	29.7	42.2		72	14	13	5+	632	0	0	19	0	5.53		1.34	23		3	25	9	5	1
BENHAM		55.8	31.2	43.5		70	17+	12	4	594	0	1	18	0	5.60		1.40	25	7.0	2	26+	12	3	2
BLAINE 1 W		52.4	25.3	38.9		74	14	13	6	723	0	1												

CLIMATOLOGICAL DATA

KENTUCKY
FEBRUARY 1961

CONTINUED

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No of Days		
										Max		Min						Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
										90° +	80° +	70° +	60° +										
										32° +	32° +	Below 32°	Below 32°										
PIKEVILLE	56.1	33.9	45.0		76	13	17	4	553	0	0	15	0	5.11	1.54	.99	25	T	7	26+	10	6	0
SOMERSET 1 N	55.2	32.0	43.6		73	13	8	4	591	0	1	14	0	4.48		1.22	22		3	25	9	3	1
VANCEBURG DAM 32	50.5	30.0	40.3		73	24+	13	2	686	0	1	21	0	3.10	.11	.84	26		3	8	7	3	0
WEST LIBERTY	52.4	27.0	39.7		74	14	11	4	699	0	1	22	0	3.48		.85	8	3.0	3	26	7	3	0
WILLIAMSBURG 2	57.5	29.9	43.7	2.6	77	14	11	5+	588	0	0	17	0	5.24	.35	.89	28				9	5	0
DIVISION			42.7	2.7										4.18	.33			3.0					

SUPPLEMENTAL DATA

Station	Wind direction			Wind speed m p h			Relative humidity averages percent			Number of days with precipitation								Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Midnight CST	6:00 a CST	Noon CST	6:00 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
COVINGTON WB AIRPORT	NE	16	10.1	31	WNW	25	74	81	70	63	6	3	6	0	1	0	16	-	8.6
LEXINGTON WB AIRPORT	S	13	11.4	-	-	-	81	84	74	71	3	5	4	2	1	0	15	-	7.9
LOUISVILLE WB AIRPORT	NE	12	8.4	35	NW	25	82	85	73	74	6	4	4	1	1	1	17	41	7.8

See Reference Notes Following Station Index

DAILY PRECIPITATION

KENTUCKY
FEBRUARY 1961

Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADDISON DAN 45	5.29			.35	.25			.15	.44	T										.40	.20		.75	.30		.40	1.65		.40				
ALBANY 4 N	4.71			.44					.84	.07									.07	.17		.21	.78	.19		.87	.15		.92				
ANCHORAGE	4.79		.21	.18	T			.34	.27							.04		.34	.34	.05		.04	.80			1.84		.39					
ASHLAND DAN 29	2.79			.09	.07				.58	.05			T						.12	.07	.05	.20	.22	1.22	.26	.03	1.00	.10		1.02			
BARBOURVILLE	5.53			.25				.38	.42	.10									.31	.05	.20	.22	1.22	.26									
BARSTOWN 5 J PREP SCH	4.15		.02	.24				.57	.18							.10	.05	.19	.23	.11	.25	.03	.15	.73		1.07		.59					
BAXTER	5.53			.05					.85	.06	.03							.31	.56	.03	.52	.82	.08			.76		.57					
BEAVER DAN	4.73		.05	.20				.76	.07									.06	.20		.41	.31	1.12			1.40	.39		.48				
BENHAM	5.60			.25	.14	T	T		.63	.11	.10							.20	.90		.22	1.20	1.46					.80					
BENTON 2	6.13		.15					1.20																									
BEREA COLLEGE	2.73			.10				.10	.49									.03	.11		.07	.73	.07			.10	.10		.83				
BEREA WATER WORKS	3.50			.18	.14				.63	.04									T	.06		T	.48	.43		.65	.29		.60				
BLAINE 1 W	01.69		.10			D.03			.49	D.03										.21	.20		.27	1.18	.04		.20	.79		.97			
BOWLING GREEN	5.20			.41	.03			.03	.87									.02	.45	.05	.26	1.28	.02										
BOWLING GREEN SUBSTA	5.45			.51	T				.68				T																				
BOWLING GREEN FAA AP	5.40		.51	.02			T	.68	.04									.19	.24	.52	.13	.17	.63	.37	.07	.12	1.13	.94		1.30			
BRENT DAN 36	3.82			.25	.15				.68	T									.24	.18		.14	1.13	T			.89	.62		.93			
BROWNVILLE LOCK 6	5.38			.38	.04				.83	T									.10	T		.35	.30	.85			.95	.55		.77			
BURDINE 2 NE	5.22								1.25	T	.10										.23	T	.12	.78	T								
BURKESVILLE	4.25			.40	T				.65	T											.36	.13		.07	1.15	.11		.90	1.21		.04		
CADIZ LOCK E	7.17			.73	.09			.40	1.08	.03								.31	.50	.09	.45	2.05				.49	.07		.88				
CALHOUN LOCK 2	4.84			.66	T			.06	.61	.01								T	.33	.51		.04	1.25	.09			.55	.28		.45			
CAMPBELLVILLE	4.65		.01	.46	T			.40	.23	T								.06	.18		.04	.08	.78			1.42	T		.99				
CANEYVILLE	4.42			.45	.01			T	.55	T								.36	.13		.07	1.15	.11			.90	1.21		.04				
CARROLLTON LOCK 1	4.10			.25	.03			.38	T																								
CECILIA	04.77			D.08	D.10			T	1.12	.34									.26	.33		.07	1.11	.15		.72	.10		.39				
CLAY CITY 1 WNW	3.32			.16	.06	.19			.60	T								.15	.27	.09	.10	1.12				1.22	.02		.46				
CLERMONT 1 SSE	4.50			.50	T			.09	.47							.01		.19	.82	.05	.38	2.05	.08			.55	.05		.75				
COBB	6.48			.48				.46	.97												.44	.03		.02	.66	.46							
COLLEGE HILL LOCK 11	3.59			.17	.08	T		.68	T										.44	.27		T	.40	.01		1.55	T		.29				
COVINGTON WB AIRPORT R	3.56		.18	.08	T	T		.04	.30				T					.15	.19	.25	.08	.08				.82	.09		1.02				
CUMBERLAND FALLS ST PK	4.71			.30				.50	.46	.05								.15	.16		.19	.25	.08			1.24	.73		.19				
CYNTHIANA	4.03			.36	.04	T		.59	T									.19	.28	.26	.02	1.11	0.30			.95	.40		.63				
CYNTHIANA 2	03.76			.38	.06	T		1.00			.04							.02	.18		.07	.60	.22										
DANVILLE	3.99			.38	.06	T		.46	.01																								
DELPHIA 1 E	-								.30	.10									.15	.09			.40	.44			1.15		.98				
DEWEY DAN	3.82			.25	.11	T		T	.95	.09								.15	.09	.05	.50	.30				.45	.60		.40				
DIX DAN	3.44			.37	.04			.54	T									.05	.41	.60	.07	1.32	.20			.60	.12		.50				
DUODE BARRETT'S FORD BR	5.24			.52	.14			.70										.02	.34	.10	.63	1.10				.15	1.00						
DUNMORE	4.51			.11	.18			.06	.82																								
EDDYVILLE LOCK F	6.22			.56				.38	1.25									.14	.65	.16	.43	1.80	T			.20	T		.65				
EDMONTON	4.87			.60				.80										.15	.20		.05	.85				1.00	.35		.92				
ELIZABETHTOWN	3.90		.07	T	.05	T	T	.45	.15	T								.22	T	.15	.20	.15	.95			.95	T		.56				
ELKHORN CITY	3.80			.12				.07	.97									.02	T	.32	.25	.31	1.88	.38			.41	.05		.90			
ELKTON 2 S	5.75			.43	.02			.05	.73	T									.21	.23		.03	.48			.47	1.06		T				
FALMOUTH	3.63			.30	.04			.81	T									.07	.09	.03	.30					.55	.56		.33				
FARNERS	3.47			.18	.13	T		T	.62	.02								.13	.10	.05	T	.06	.41			.72	.36		.18				
FLENINGSBURG	2.94			.25	.05	T		.58										.13	.10	T	.50	.03				.65	.05		.35				
FLENINGSBURG 2	2.94			.43	T			.70										.07	.08		.39	.54				.75	.43		.40				
FORD LOCK 10	3.58			.21	.07	T		.64	T									.04	.22	.56	T	.81	.01			.14	T		.22				
FORKS FERRY DAN 50	3.46		T	.20	T			.08	1.04	.09	.05	T						.18	.19	T	.14	.45				.76	.43		.21				
FRANKFORT LOCK 4	3.37			.25	.03			.73	T									.27	.22		.16	1.35	T			.87	.24		.98				
FRANKLIN 1 E	5.72			.63	T			1.00										.13	.06		.14	.39	.99			.74	.58		.58				
FREEBURN 2 SW	4.75			.08	.06	T		.85	.11	.04								.17			.15	.40	.50			.50	.34		.48				
FRENCHBURG	3.90		.07		.49			.74	.05		.01								.17			.15	.40	.50			.50	.34		.48			
GANALIEL 1 S	3.50			.33	.01			T	.61	T									.04	.13		.13	.60	.12			.59	.27		.67			
GEORGETOWN WATER WORKS	-			.33				.65					</																				

DAILY PRECIPITATION

KENTUCKY
FEBRUARY 1961

Continued

Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PAOUCAH FAA AIRPORT	5.59		.30					1.08	.02									.33	.77		.22	1.12	.84		.08		.18	.25					
PAOUCAH	5.02		.30	T				1.01	.15										.75			.28	1.58										
PAINTSVILLE	3.97			.20	.12	T			.90	.16	T							T	.06			T	.30	.86		.40	.57		.40				
PARADISE STEAM PLANT	5.17			.42	.17				.65	.05									.05	.45	.36		.12	1.24	.20	.67	.13		.66				
PIKEVILLE	5.11			.10	T			.53	.51	.15	.04	T				.05			.11	.07		.05	.22	.79	.65	.99	.08		.77				
PINEVILLE	5.92			.15	.02				.66	.11	.08						.01		.11	.25		.41	.50	1.21		1.06	.50		.85				
PRINCETON	6.04		.25					1.35	.20									.46	.50	.06	.05	.40	1.70		.55				.58				
RAVENNA LOCK 12	3.25				.10				.74	.04												T	.53	.38		.70	.10		.55				
RICHMOND	3.95			.25	.15	T			.61	T							.07		.04	.10		.04	.66	.38					.58				
ROCHESTER LOCK 3	4.94			.31	.04				.66	.03								.04	.29	.30		.15	1.31	.37		.57	.09		.78				
RUSSELLVILLE	5.98			.68				.02	.59	T	T							T	.02	.33	.19		.37	1.82	.08	.65	.20		1.03				
RUSSELLVILLE SUBSTA	5.66			.77	T			T	T				.01					T	.02	.60		.48	2.07	.11		.56	.04		1.00				
SALVISA LOCK 6	4.43			.40	.05	T			.64								.01		.15	.18		T	.44	.31		.98	.86		.41				
SALYERSVILLE 2 SE	3.74			.18	.08				.78														.57	.70			.57	.42		.44			
SCOTTSVILLE	5.16		.27	.15				.38	.08									.08	.28		.10	.04	1.22	.03		1.15			1.38				
SCOTTSVILLE 2 SW	6.35			.50	T			.07	.93								T		.22	.15		.10	1.20	.03		1.05	.55		1.55				
SEBREE	-		.30						.60											.80				.70									
SHAWNEE STEAM PLANT	5.81			.44	T			.13	.89	.02								.15	.40	.71		.21	2.00	.03		.34	.04		.45				
SHELBYVILLE	4.03			.33					.44										.25	.30	T		.51	.51		1.00	.40		.29				
SHEPHERDSVILLE	04.27			.50	.05				.50										.20	.40		.75	.40			.70	0.40		.37				
SOMERSET 1 N	4.48	T	.07	.24				.45	.31	.01								.01	.18	T		.07	1.22	.11	T	.87	.10		.84				
SPRINGFIELD	3.58			.35	T				.48										T	.07		.05	.85	T					.54				
STEARNS	4.88			.12					.90	.08									.07	.34		.50	.48	.42		.92	.29		.76				
SUMMER SHADE	-		.30					.56	.10									.03											1.14				
SUMMER SHADE SUBSTA	4.69			.43	.06	T		.10	.73									.08	.28			.07	.80	T		1.08	.14		.92				
TAYLORSVILLE	4.63		.27	.10	T			T	.47						.01				.25	.26		.03	.46	.27		.86	1.33		.32				
TURKEY CREEK SCHOOL	7.70			.70	T			.78	.90								.04	.22	.69			.40	2.38			.61	.05		.93				
TYRONE LOCK 5	4.14			.36	.02	T			.64									T	.22	.17		T	.34	.46		.86	.78		.29				
UNIONTOWN OAM 49	3.93			.36	T			.06	.95									T	.10	.42	.26		.01	.91	.07		.33	T		.46			
VALLEY VIEW LOCK 9	3.76			.29	.04	T			.62	T									.03	.10		.03	.69	.27		1.00	.18		.51				
VANSUREN	3.58			.32	.05				.52										.21	.52		.02	.50	.26		.71	.17		.30				
VANCESBURG OAM 32	3.10			T	.36				.57	T			T						.25	.06	T		.03	.52		.33	.84		.14				
WARSAW MARKLAND OAM	4.59	T	T	.23	T				.41										.54	.24			.05	.66		.70	1.72		.04				
WAYNESBURG 7 NE	4.33			.41	.05			T	.69										.05	.21	T		.83	.38		.61	.09		.78				
WEST LIBERTY	3.48			.18	.07				.85	.02								T	T	.08		.03	.29	.61		.47	.61		.27				
WILLIAMSBURG 2	5.24			.21	.02				.80	.07	.04								.05	.33		.44	.60	.62		.84	.33		.89				
WILLIAMSTOWN 5 WSW	3.35			.09	.06	T			.53	T				T					.32	.26			.29	.57		.77	.46		T				
WILLOW LOCK 13	3.72			.20	.06	.03			.86	.02								T					.95	.28		.72	.10		.50				
WOLF CREEK OAM	4.67			.34	.07				.77	.04									.07	.22		.12	.84	.13		.75	.42		.90				
WOODBURY LOCK 4	4.47			.57	.02			T	.61	.04									.24	.13		.17	1.14	.10		.54	.11		.80				

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., EST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

DAILY TEMPERATURES

KENTUCKY
FEBRUARY 1961

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADDISON DAM 45	MAX	50	47	26	25	30	30	40	49	43	54	50	52	65	69	64	65	65	61	66	43	44	58	63	67	61	36	51	54			51.0	
	MIN	30	26	20	16	16	24	24	30	28	30	32	34	36	35	35	30	30	41	34	34	34	38	45	46	29	20	20	35			30.4	
ANCHORAGE	MAX	46	32	30	27	34	35	39	36	42	49	49	61	70	62	64	60	56	68	63	41	47	67	67	71	52	46	54	44			50.4	
	MIN	24	18	13	6	23	20	30	28	19	24	27	32	38	27	33	26	40	52	30	29	36	44	45	43	25	19	26	33			28.9	
ASHLAND DAM 29	MAX	46	31	35	29	34	34	41	38	40	46	44	51	74	67	66	62	70	65	65	42	45	62	62	72	57	50	61	61			51.8	
	MIN	22	13	22	16	23	20	29	32	31	28	29	36	30	41	27	26	27	47	39	28	36	42	47	39	27	29	31	37			30.5	
BARBOURVILLE	MAX	54	52	44	34	44	41	43	45	40	52		70	74	73	68	69	69	65	62	48	55	62	70	70	68	56	71	70			58.1	
	MIN	21	31	31	10	11	18	33	30	30	20		28	32	49	28	27	30	55	42	35	42	51	50	38	70	26	30	40			32.1	
BARDSTOWN S J PREP SCH	MAX	48	40	34	25	30	33	36	35	46	50	55	67	71	68	66	65	63	69	64	42	46	69	69	71	65	50	58	50			53.0	
	MIN	25	19	13	2	21	17	28	28	24	24	22	34	42	30	29	23	39	53	31	30	35	43	44	43	21	21	28	33			28.6	
BAXTER	MAX	50	49	54	39	33	48	43	44	41	35	49	54	67	72	64	62	68	66	62	55	47	55	62	66	68	56	53	68			54.6	
	MIN	18	23	33	13	13	17	21	35	31	20	22	29	31	31	28	28	28	29	52	37	38	46	51	37	37	26	28	29			29.7	
BEAVER DAM	MAX	49	45	32	27	29	33	35	39	45	52	61	70	71	64	68	68	63	73	70	44	47	68	70	67	48	56	62	59			54.1	
	MIN	28	27	17	6	19	19	32	31	25	23	28	38	51	32	33	27	49	57	30	35	38	46	43	47	23	19	34	37			31.9	
BENHAM	MAX	52	50	52	38	28	45	43	44	40	40	48	65	68	70	59	63	70	69	64	58	48	55	66	68	68	67	55	68			55.8	
	MIN	19	24	31	12	15	18	21	34	29	21	24	32	35	41	26	26	29	32	50	35	36	45	51	51	58	23	28	28			31.2	
BENTON 2	MAX	58	48	30	27	34	33	34	34	44	50	64	65	68	60	69	71	65	72	68	44	48	62	68	66	50	68	65	59			54.4	
	MIN	24	30	18	10	10	27	32	30	28	22	24	22	55	35	41	36	40	41	28	37	40	41	42	38	26	22	30	30			30.7	
BEREA COLLEGE	MAX	51	44	37	26	37	38	39	39	41	50	54		74	74	64	64	65	65	64	45	46	64	67	72	67	55	69	66			54.7	
	MIN	34	22	23	8	13	17	30	30	28	29	33		42					57	34	31	38	45	46	54	25	25	41	35			32.2	
BLAINE 1 W	MAX	47	52	35	35	28	36	34	40	37	40	49	50	64	74	64	60	40	70	67	45	46	48	65	68	72	59	52	70			52.4	
	MIN	16	19	19	14	16	13	16	29	30	22	22	31	27	27	22	21	23	25	40	25	25	35	45	33	33	22	27	30			25.3	
BOWLING GREEN FAA AP	MAX	53	34	32	28	35	39	38	36	47	51	60	72	73	60	69	69	64	71	48	41	53	67	68	69	39	59	70	47			53.3	
	MIN	26	30	13	12	19	23	34	30	27	26	25	38	50	37	37	32	43	48	34	36	40	55	44	39	25	20	39	44			33.1	
CAMBELLVILLE	MAX	49	47	38	29	37	40	39	38	47	51	59	67	71	66	66	68	68	66	65	41	49	66	68	71	58	53	67	66			55.4	
	MIN	29	27	19	6	18	21	33	32	28	27	26	42	51	39	36	28	42	57	33	33	38	47	44	49	23	23	37	37			33.0	
CARROLLTON LOCK 1	MAX	48	38	30	27	33	34	40	39	46	47	49	55	69	66	65	63	58	66	67	42	45	64	66	69	68	46	54	54			51.7	
	MIN	22	14	18	16	21	21	30	29	19	26	29	33	33	31	31	24	33	53	32	25	36	43	47	44	30	29	27	33			29.6	
CECILIA	MAX	50	45	32	30	26	25	33	33	34	49	55	52	62	70	59	64	61	60	68	41	45	55	66	70	62	38	54	58			49.9	
	MIN	28	24	23	5	11	20	23	26	24	24	28	32	34	35	34	25	34	47	30	32	36	44	44	42	19	30	33	32			29.3	
CLERMONT 1 SSE	MAX	54	47	34	28	30	35	39	35	45	51	52	67	72	72	65	67	67	66	70	50	44	64	69	73	65	53	58	56			54.6	
	MIN	28	22	10	4	23	18	31	30	25	24	34	43	43	31	29	24	36	54	31	32	37	44	46	45	24	20	29	35			29.8	
COVINGTON WB AIRPORT	MAX	35	22	32	27	32	34	38	34	40	44	42	51	67	55	61	55	56	64	53	39	49	62	63	70	46	45	54	45			47.0	
	MIN	18	9	15	16	20	20	29	26	23	24	31	34	38	34	40	28	42	53	30	26	35	44	46	45	30	27	32	33			30.3	
CYNTHIANA 2	MAX	44	48	34	30	33	35	34	41	33	42	48	50	57	70	59	61	58	65	65	43	41	51	65	67	70	45	46	61			49.9	
	MIN	13	17	19	15	10	15	24	31	28	25	27	35	32	32	27	21	28	46	35	28	36	39	45	36	40	25	27	24			27.9	
DANVILLE	MAX	49	48	34	32	24	34	35	36	33	41	50	54	65	71	60	60	63	62	64	41	41	54	64	67	70	40	50	63			50.2	
	MIN	21	24	22	9	12	19	22	31	29	28	29	31	42	39	32	32	28	47	33	30	30	37	45	45	38	24	25	36			30.0	
DEWEY DAM	MAX	50	54	35	35	31	40	39	38	38	37	50	56	67	68	62	61	62	68	68	48	49	46	65	68	72	62	52	72			53.3	
	MIN	14	19	21	12	16	15	19	30	31	22	29	33	29	31	22	24	24	25	46	27	31	37	42	36	37	29	28	32			27.2	
DIX DAM	MAX	49	47	35	24	32	35	36	35	41	50	53	64	72	72	63	63	63	64	65	40	45	65	68	70	67	48	60	61			53.1	
	MIN	28	20	23	8	21	20	30	32	28	27	31	42	45	37	31	27	36	56	33	30	36	44	45	45	23	25	35	36			31.9	
ELIZABETHTOWN	MAX	46	43	35	27	30	34	35	34	44	50	54	64	70	64	66	64	62	68	66	42	45	66	68	69	64	50	60	54			52.7	
	MIN	22	24	17	4	23	21	31	32	26	25	25	30	45	34	33	42	35	55	30	31	37	44	45	40	24	15	30	35			29.8	
PALMOUTH	MAX	45	30	33	28	36	35	40	36	42	46	43	53	72	65	64	58	62	66	62	41	45	65	68	72	65	47	58	53			51.1	
	MIN	19	15	20	13	23	18	28	30	22	21	29	33	30	32																		

DAILY TEMPERATURES

KENTUCKY
FEBRUARY 1961

Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
IRVINGTON	MAX	46	42	29	29	31	34	37	35	46	50	55	65	71	63	66	65	59	72	67	41	45	66	67	70	53	51	57	46			52.1	
	MIN	30	20	14	8	18	22	30	31	25	26	27	39	48	30	35	28	50	55	29	33	36	44	43	40	24	20	34	35			31.2	
LEITCHFIELD	MAX	48	41	33	27	29	33	34	33	45	52	57	67	72	62	66	66	59	69	65	41	47	67	69	70	52	53	62	52			52.5	
	MIN	31	25	15	10	20	23	31	30	26	26	27	41	49	33	37	32	50	56	30	34	36	45	42	49	23	21	36	36			32.6	
LEXINGTON W8 AIRPORT	MAX	45	28	33	23	32	32	36	33	42	47	48	61	69	60	61	60	63	64	59	40	49	64	66	68	53	47	58	43			49.4	
	MIN	27	18	10	8	22	20	29	30	28	26	31	41	44	37	39	32	42	55	32	30	36	48	45	48	24	24	35	35			32.0	
LONDON FAA AIRPORT	MAX	49	39	38	25	39	39	39	39	41	49	56	65	73	61	64	64	66	63	59	44	53	61	67	69	57	52	69	54			53.4	
	MIN	27	28	17	10	18	20	33	31	26	23	28	38	36	39	30	25	32	54	33	33	40	53	45	39	25	29	33	38			31.5	
LOUISVILLE	MAX	45	26	27	26	32	35	39	34	43	49	60	60	68	58	63	60	58	68	46	41	46	67	67	69	43	49	54	49			49.4	
	MIN	26	22	13	13	23	23	32	30	27	31	29	40	41	36	40	33	40	46	32	29	37	45	47	42	26	26	34	35			32.1	
LOUISVILLE W8 AP	MAX	47	27	28	26	33	34	38	33	43	48	52	61	69	58	63	60	58	69	43	43	46	66	66	70	41	46	50	40			48.5	
	MIN	26	20	10	6	22	18	30	29	23	30	29	35	37	34	33	26	40	43	32	30	37	44	47	40	26	20	29	34			29.6	
LOVELACEVILLE	MAX	56	47	28	29	34	35	36	39	45	51	65	72	68	64	71	73	68	74	67	41	44	60	70	67	40	70	62	55			54.7	
	MIN	28	28	16	10	18	25	32	30	23	21	24	35	53	33	40	35	53	56	28	35	39	43	41	40	26	23	35	35			32.3	
MADISONVILLE 1 SE	MAX	51	45	31	28	30	33	34	34	45	51	62	71	70	64	68	70	67	74	69	43	46	62	69	69	44	64	65	56			54.1	
	MIN	30	26	18	12	17	21	31	32	25	27	27	39	50	32	34	29	49	54	29	35	39	45	39	44	24	20	34	35			31.8	
MAMMOTH CAVE PARK	MAX	50	48	34	29	33	36	37	36	45	54	60	69	72	63	68	69	65	69	68	40	47	67	69	72	64	54	67	63			55.3	
	MIN	33	27	19	4	12	21	32	31	31	25	24	43	52	35	38	30	50	51	31	30	38	45	42	51	24	20	37	37			32.6	
MANCHESTER 4 SE	MAX	53	43	38	32	42	42	40	40	40	52	55	68	73	70	63	67	69	65	65	46	50	64	68	71	67	55	72	68			56.4	
	MIN	20	30	31	9	15	17	32	35	31	20	27	32	32	48	25	26	27	53	43	31	41	48	49	36	28	26	29	39			31.4	
MAYFIELD	MAX	59	50	31	26	34	35	37	36	47	51	65	72	65	64	69	74	65	75	65	44	45	60	70	65	47	68	62	57			54.9	
	MIN	35	30	17	14	19	27	32	30	26	27	27	32	52	35	46	41	53	57	29	36	39	42	42	40	26	25	37	36			34.0	
MAYSVILLE DAM 33	MAX	44	44	31	34	26	35	34	40	35	38	43	41	51	72	58	61	55	65	65	43	40	46	65	67	71	52	49	60			48.8	
	MIN	10	17	16	16	16	16	19	31	29	23	23	32	32	32	28	24	24	34	36	24	25	39	44	40	40	27	29	29			27.0	
MIDDLESBORO	MAX	49	53	50	36	48	46	44	41	40	53	60	73	73	68	66	71	68	63	62	49	57	59	68	68	65	53	68	66			57.8	
	MIN	20	31	32	13	11	18	34	36	32	18	25	46	34	54	29	26	27	52	48	35	44	52	52	43	28	27	29	38			33.4	
MONTICELLO	MAX	53	41	43	30	39	40	43	41	44	52	59	69	74	66	68	64	62	66	64	42	56	62	68	70	62	59	70	60			56.6	
	MIN	26	26	23	9	15	20	34	33	29	21	25	45	41	44	27	26	35	56	35	32	42	54	49	50	26	23	39	40			33.0	
MOUNT STERLING	MAX	48	48	34	26	36	34	35	35	40	46	45	62	73	68	61		66	64	64	40	46	63	65	71	66	49	63	60			52.1	
	MIN	31	12	19	9	21	20	27	30	29	25	31	38	38	37	33		38	54	33	28	35	44	45	46	23	25	38	34			31.2	
MURRAY	MAX	57	51	33	21	27	43	36	36	40	52	59	73	67	67	70	73	71	74	70	44	56	60	72	71	47	70	68	59			56.0	
	MIN	34	31	17	8	12	13	15	14	14	22	21	22	53	34	45	33	52	59	30	36	39	39	41	45	26	26	36	36			30.5	
OWENSBORO 2 W	MAX	44	41	27	29	32	34	36	34	44	49	58	65	68	65	67	68	61	73	66	44	45	65	68	64	41	53	61	52			51.9	
	MIN	31	20	18	12	18	24	33	31	25	28	30	36	45	30	39	30	51	56	29	34	38	45	45	38	24	19	33	36			32.1	
PADUCAH FAA AIRPORT	MAX	56	34	22	29	32	34	35	36	45	49	63	70	67	61	68	71	65	71	41	41	51	61	68	58	36	68	58	41			51.1	
	MIN	30	18	13	10	17	25	32	33	25	26	26	39	47	33	43	34	57	35	28	35	39	46	43	30	25	24	36	36			31.3	
PADUCAH	MAX	56	47	28	29	32	35	36	39	46	52	65	73	70	65	72	73	70	75	71	43	44	61	70	69	41	69	68	58			55.6	
	MIN	30	29	17	10	17	25	33	31	24	24	25	34	56	32	39	34	55	58	28	35	38	44	43	40	26	25	31	36			32.8	
PARADISE STEAM PLANT	MAX	53	52	39	24	29	30	34	35	35	48	53	64	74	70	65	70	71	62	73	44	44	58	67	71	66	34	62	67			53.4	
	MIN	23	25	20	7	7	17	25	32	24	24	25	30	37	31	31	29	30	52	31	31	37	38	43	43	26	21	27	34			28.6	
PIKEVILLE	MAX	52	41	44	34	41	40	40	40	37	52	50	72	76	65	62	67	70	67	61	50	50	60	72	73	63	58	75	58			56.1	
	MIN	22	28	32	17	26	19	32	34	33	29	32	36	34	48	26	30	30	49	46	34	43	48	53	40	30	29	32	37			33.9	
PRINCETON	MAX	57	47	32	27	30	35	35	35	46	52	65	75	69	64	70	71	65	75	65	42	45	65	72	66	45	69	65	59			55.1	
	MIN	25	26	14	5	10	22	30	29	20	18	23	30	45	32	35	30	49	54	29	32	37	43	40	44	23	11	34	36			29.5	
RICHMOND	MAX	47	48	35	33	25	33	34	36	33	42	50	52	65	72	58	63	64	65	64	41	42	54	62	66	69							

SNOWFALL AND SNOW ON GROUND

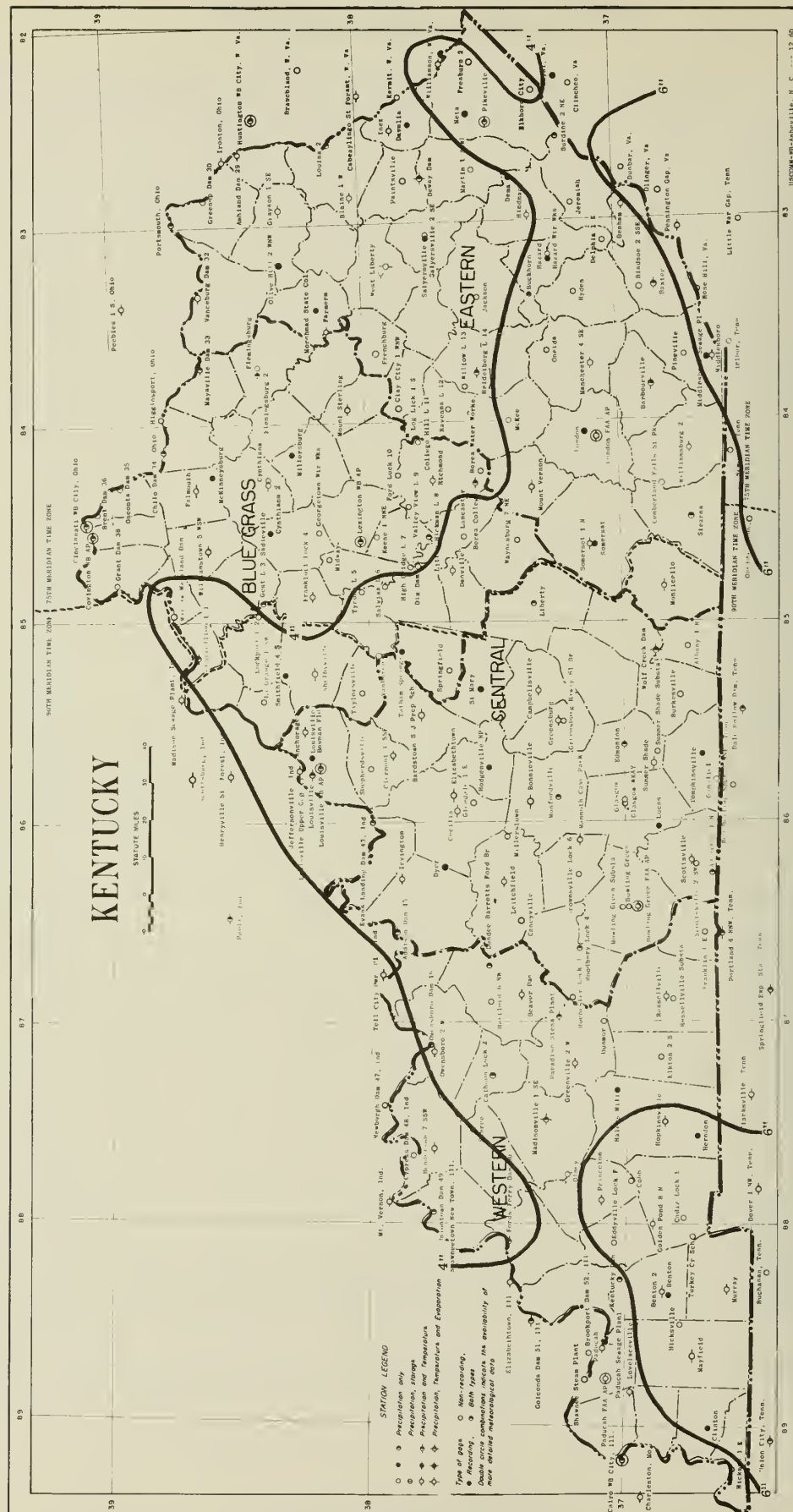
KENTUCKY
FEBRUARY 1961

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BARDSTOWN S J PREP SCH	SNOWFALL SN ON GND		.3 -	1.0 -																						6.0 -	-	-					
BEAVER DAM	SNOWFALL SN ON GND			1.0 1																						7.0 7	-						
BENHAM	SNOWFALL SN ON GND			T	2.0 2	T 2	T T	T		T T	T T																5.0 2	T					
BEREA COLLEGE	SNOWFALL SN ON GND	T	T	1.0 1	1	T																				1.0 1							
BOWLING GREEN FAA AP	SNOWFALL SN ON GND																									.3 1							
CAMPBELLSVILLE	SNOWFALL SN ON GND		T T	1.0 1	T T	T				T T	T															4.0 4	T 1		T				
COVINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	T	2.3 T	.8 3 .2	T 3 .3	T 3 .2	2 .2	.4 5 .6	4.3 5 .5	5 .5	3 .4	T 2 .4	T	T												2.7	T 2 .6	T	2.8 T				
CYNTHIANA	SNOWFALL SN ON GND	T		.5 T	.5 1	T 1			1.0 1	T 1	T																5.7 5	T					
DANVILLE	SNOWFALL SN ON GND	2	1	.5 1	1.0 2	1	1	1	T	T																	2.5 3	T					
OEWEY DAM	SNOWFALL SN ON GND	T	T	T T	1.0 1	T T	T T	T T	1.0 T	T T	T T	T																					
EDDYVILLE LOCK F	SNOWFALL SN ON GND			- -																						1.0 1							
FARMERS	SNOWFALL SN ON GND	2	T	T T	1.0 1	T 1	1	T T	T T	T T	T T	T	T	T													3.0 3	T	T				
FORDS FERRY DAM 50	SNOWFALL SN ON GND	T		1.5 2	T 2	1	1	1	1.0 1	1	1	T														1.3 1	T 1	T					
GEST LOCK 3	SNOWFALL SN ON GND			1.0 1	1.0 2				2.0 2																								
HAZARD WATER WORKS	SNOWFALL SN ON GND	T	T	T T	T T	T			- -	- -	- -	- -															2.0 2	T					
HEIDELBERG LOCK 14	SNOWFALL SN ON GND	T		T T	.5 1	T T	T																				1.0 1						
HENDERSON 7 55W	SNOWFALL SN ON GND	1	1.0 1	.5 1	1	T T	T T	.5 1	.5 T	T T	T T															4.0 4	T						
HOPKINSVILLE	SNOWFALL SN ON GND			- -	.3 T																					1.0 1	1.5 1						
IRVINGTON	SNOWFALL SN ON GND		T T	2.5 2	1	T T	T T	T T																		10.0 10	1						
LEXINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	1	.4 T	.6 T	.1 1	1	1	1	T 1	T T	T T	T														3.5	4 .4	1	T				
LONDON FAA AIRPORT	SNOWFALL SN ON GND			T T	1					T T	T																2.0	2					
LOUISVILLE WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV		2.4	.5 2 .4	T 3 .4	2 .4	T 2 .3	T 1	.1 T	T T	T															9.5	9 1.4	3 1.1	T				
MAMMOTH CAVE PARK	SNOWFALL SN ON GND		T T	.7 1	T T	T T	T																			3.0 3	.5 1	T					
MAYSVILLE DAM 33	SNOWFALL SN ON GND	T	T	.5 1	1.5 2	1	1	T T	1.5 2	2 2	T T																2.0 2	2 T					
MIDDLESBORO	SNOWFALL SN ON GND			2.0 2	T T						.2																1.6 1						
MILLERSTOWN	SNOWFALL SN ON GND			.6 1	.2 1	T																					5.6 6	T	T				
MONTICELLO	SNOWFALL SN ON GND																										2.0 2						
MURRAY	SNOWFALL SN ON GND																									1.0 1							
OWENSBORO 2 W	SNOWFALL SN ON GND			1.0 1	1	1	1	1	.5 1	1	T T	T															5.0 5	3.0 8	T	T			
PADUCAH FAA AIRPORT	SNOWFALL SN ON GND		1.0	T 1	1	1	T		.5 T	T 1																T	1.0 1						
PIKEVILLE	SNOWFALL SN ON GND			T T	T T																						T T	T T					
RUSSELLVILLE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SOMERSET 1 N	SNOWFALL SN ON GND			-	-																						3	T	T	T			
SUMMER SHADE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WILLIAMSTOWN 5 WSW	SNOWFALL SN ON GND	T	T	.5 1	1.0 1	T 1	T T	T T	3.5 4	T 3	2 T	T T															4.0 4	T T					

See reference notes following Station Index.

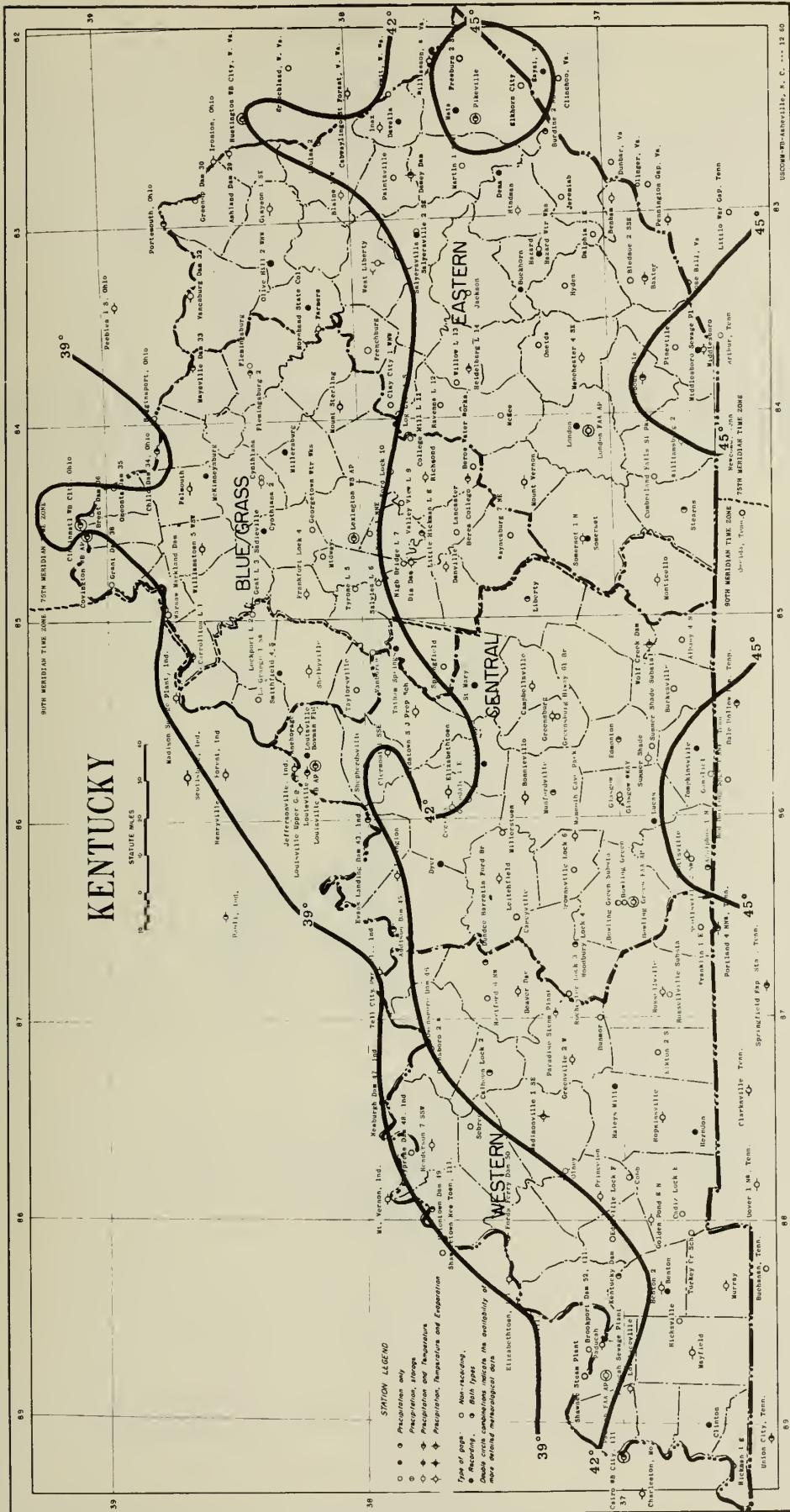
TOTAL PRECIPITATION

KENTUCKY
FEBRUARY 1961



AVERAGE TEMPERATURE

KENTUCKY
FEBRUARY 1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

KENTUCKY
FEBRUARY 1961

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
							TEMP.	PRECIP.	EVAP.	SPECIAL		
ADDISON DAM 45	0031	BRECKINRIDGE	7 37 55	86 34	380	6A					C	CORPS OF ENGINEERS
ALBANY & N	0063	CLINTON	2 36 45	85 08	1000	7A					C	CORPS OF ENGINEERS
ANCHORAGE	0155	JEFFERSON	7 38 16	85 33	700	7P					C	HUBERT BURGER
ASHLAND DAM 29	0254	BOYO	7 38 27	82 36	551	6P					C	KNOXVILLE FERTILIZER CO.
BARBOURVILLE	0381	KNOX	2 36 52	85 53	1000	6P					C	FED. AVIATION AGENCY
BARSTOWN 5 J PREP SCH	0397	NELSON	8 37 48	85 28	631	5P					C	HAROLD C. FERGUSON
BAXTER	0450	HARLAN	2 36 51	83 20	1164	7A					C	LOUISVILLE G. & F. CO.
BEAVER DAM	0490	OHIO	3 37 25	86 52	441	6P					C	CORPS OF ENGINEERS
BENHAM	0595	HARLAN	2 36 58	82 57	1585	6A					C	U.S. WEATHER BUREAU
BENTON	0611	MARSHALL	9 36 51	88 20	395						C	CORPS OF ENGINEERS
BENTON 2	0615	MARSHALL	9 36 51	88 20	305	5P					C	BLAINE MALONE
BEREA COLLEGE	0619	MADISON	4 37 34	84 18	1070	6P					C	WILLARD E. FOSTER
BEREA WATER WORKS	0624	MADISON	4 37 33	84 15	1010	7A					C	HOMER WELBORN, JR.
BLAINE 1 W	0752	LAWRENCE	1 36 02	82 52	690	8A					C	NATIONAL PARK SERVICE
BONNIEVILLE	0854	HART	3 37 23	85 54	684	5P					C	NORA S. WHITE
BOWLING GREEN	0904	WARREN	3 37 00	86 26	536	7A					C	JAMES D. HUGHES
BOWLING GREEN SUBSTA	0907	WARREN	3 37 01	86 26	470	5A					C	MAYFIELD ELEC. & MTR. CO.
BOWLING GREEN FAA AP	0909	WARREN	3 36 58	86 26	535	MID MID					C	CORPS OF ENGINEERS
BRENT DAM 36	0978	CAMPBELL	7 39 03	84 25	497	7A					C	MRS. MINNIE W. MORAN
BROWNVILLE LOCK 6	1046	EDMONSON	3 37 12	86 16	405	7A					C	RICHARD T. SYDNOR
BUCKHORN	1080	PERRY	4 37 21	83 23	936						C	MRS. EDITH J. SMITH
BURDINE 2 NE	1120	PIKE	3 37 13	82 35	1445	5A					C	MRS. LELA M. HERRELL
BURKESVILLE	1137	CUMBERLAND	2 36 47	85 22	600	7A					C	CITY OF MIDDLESBORO
CADIZ LOCK E	1206	TRIGO	2 36 46	87 58	384	7A					C	CITY OF MIDWAY
CAUDRON LOCK 2	1221	MC LEAN	4 37 52	83 56	712	7A					C	CITY WATER WORKS
CAMPBELLVILLE	1256	TAYLOR	3 37 20	85 21	771	6P					C	MRS. D. LAWLER
CANEYVILLE	1294	GRAYSON	3 37 25	86 20	600	7A					C	ALVIN L. BERTRAM
CARROLLTON LOCK 1	1345	CARROLL	4 38 41	85 11	480	4P					C	PROF. HENRY C. HAGGAN
CECILIA	1406	HARLIN	8 37 40	85 57	734	7A					C	FRED CARROLL
CLAY CITY 1 WNW	1576	POWELL	4 37 52	83 56	712	7A					C	CITY OF MT. VERNON
CLERMONT 1 SSE	1611	BULLITT	8 37 55	85 40	540	5P					C	SHERMAN C. PUCKETT
CLINTON	1631	HICKMAN	6 36 41	89 00	390	7A					C	MURRAY STATE COLLEGE
COBB	1663	CALDWELL	2 36 59	87 47	490	7A					C	GEORGE E. DUAL
COLLEGE HILL LOCK 11	1704	ESTILL	4 37 47	84 06	611	7A					C	HELVIE PARLIE NEISZ
COVINGTON WB AIRPORT	1855	BOONE	7 39 04	84 40	869	MID MID					C	MRS. ANNA L. BROWN
CUMBERLAND FALLS ST PK	1969	WHITLEY	2 36 50	84 19	1070	5P					C	CORPS OF ENGINEERS
CYNTHIANA	1998	HARRISON	5 38 23	84 18	684	7A					C	VIRGIL D. CLARK
CYNTHIANA 2	2003	HARRISON	5 38 23	84 17	719	8A					C	CORPS OF ENGINEERS
DAVELLA	2040	BOYLE	1 37 48	82 32	718	7A					C	FED. AVIATION AGENCY
DELPHIA 1 E	2132	PERRY	4 37 02	83 07	1647	8A					C	WESTERN P. LACKEY
DEMA	2139	KNOTT	1 37 25	82 48	850						C	CITY OF PADUCAH
DEWEY DAM	2180	FLOYD	1 37 45	82 27	653	7A					C	JESSE FAIRCHILD
DIX DAM	2214	MERCER	4 37 48	84 43	870	4P					C	U.S. WEATHER BUREAU
DUNDEE BARRETS FORT BR	2358	OHIO	3 37 33	86 43	440	7A					C	FOLEY PARTIN
DUNMORE	2366	MULHEBERG	3 37 05	87 00	592	7A					C	ALTON M. HARVILL
EDMONT	2391	BRECKENRIDGE	3 37 43	86 13	793						C	CORPS OF ENGINEERS
EDMONTVILLE LOCK F	2405	LYON	3 37 03	85 35	420	7A					C	THOMAS C. HERMOND
ELIZABETHTOWN	2469	METCALFE	3 37 00	85 37	865	7A					C	CORPS OF ENGINEERS
ELKHORN CITY	2510	HARDIN	3 37 41	85 52	739	6P					C	MRS. HILDA L. COX
ELKTON 2 S	2528	PIKE	1 37 18	82 21	800	7A					C	TVA-683
FALMOUTH	2548	LOCK	2 36 47	87 10	520	7A					C	MRS. TRESSIE A. RALSTON
FARMERS	2775	PENNINGTON	5 38 40	84 20	560	6P					C	JOHN B. BAUER
FLEMINGSBURG	2791	ROWAN	5 38 09	83 33	668	4P					C	CORPS OF ENGINEERS
FLEMINGSBURG 2	2903	FLEMING	5 38 25	83 43	858	7A					C	STANLEY GARDNER
FLEMINGSBURG 3	2908	FLEMING	5 38 25	83 45	911	6P MID					C	FORREST C. WILLIS
FORD LOCK 10	2953	MADISON	4 37 56	84 16	640	7A					C	NOBLE ALLEN
FORDS FERRY DAM 50	2961	CRITTENDEN	7 37 28	88 06	356	MID 6A					C	GEORGE E. SIMPSON
FRANKFORD LOCK 4	3028	FRANKLIN	4 38 14	84 52	504	6A					C	CORPS OF ENGINEERS
FRANKLIN 1 E	3036	SIMPSON	5 36 43	86 34	690	7A					C	PAUL D. TOMPKINS
FREEBURN 2 SW	3046	PIKE	1 37 33	82 10	730	8A					C	TVA-709
FRENCHBURG	3052	HELEN	5 37 57	83 39	864	7A					C	VIRGIL D. CROUCH
GAMALIEL 1 S	3112	MONROE	3 36 38	85 48	759	7A					C	OVID E. MAGRUDER
GEORGETOWN WATER WORKS	3194	SCOTT	4 38 12	84 33	888	8A					C	GEORGE E. SIMPSON
GEST LOCK 3	3203	HENRY	4 38 25	84 53	490	7A					C	CORPS OF ENGINEERS
GLASGOW	3241	BARREN	3 37 00	85 55	780	7A					C	RADIO STA WSPC
GLASGOW WKAY	3246	BARREN	3 37 00	85 55	808	6P					C	W. H. GOATLEY
GLENDALE 1 E	3252	HARLAN	3 37 36	85 54	710	7A					C	MRS. GLADYS M. GRIFFITH
GOLDEN POND 8 N	3295	TRIGO	2 36 54	88 00	393	4P					C	CHAS. N. MC MURTRY
GRANT DAM 38	3358	BOONE	7 38 59	84 50	503	7A					C	TVA-684
GRAYSON 1 SE	3392	CARTER	7 38 19	82 56	900	6A					C	R. C. DEANAN
GREENSBURG	3430	GREEN	3 37 15	85 30	630	7A					C	MRS. KATHRYN B. CARR
GREENSBURG HIWAY 61 BR	3435	GREEN	3 37 15	85 30	590	7A					C	TOMPKINSVILLE WATER WKS
GREENUP DAM 30	3463	GREENUP	7 38 37	82 51	538	7A					C	TVA-680
GREENVILLE 2 W	3451	MULHEBERG	3 37 12	87 12	519	5P					C	CORPS OF ENGINEERS
HALES MILL	3539	CHRISTIAN	3 37 03	87 20	740						C	CORPS OF ENGINEERS
HARTFORD 6 NW	3652	OHIO	3 37 32	86 54	429	8A					C	EVERETT M. MC GAUGHY
HAZARD	3709	PERRY	4 37 15	83 12	869	7A					C	CORPS OF ENGINEERS
HAZARD WATER WORKS	3714	PERRY	4 37 15	83 11	880	7A					C	CORPS OF ENGINEERS
HEIDELBERG LOCK 14	3741	LEE	4 37 33	83 46	663	5P					C	MRS. RITA RIDDER
HENDERSON 7 SW	3762	HENDERSON	7 37 45	87 38	382	6P					C	ARNOLD G. HELTON
HERNDON	3798	CHRISTIAN	2 36 44	87 34	512	6A					C	ESTIL M. HEADS
HICKMAN 1 E	3816	FULTON	6 36 34	89 10	362	7A					C	HENRY NORTHOTT
HICKSVILLE	3821	GRAVES	9 36 48	88 30	440	7A					C	CORPS OF ENGINEERS
HIGH BRIDGE LOCK 7	3837	JESSAMINE	4 37 49	84 43	544	7A					C	CORPS OF ENGINEERS
HINDMAN	3899	KNOTT	4 37 20	82 59	1190	5P					C	CORPS OF ENGINEERS
HODGENVILLE NAT PARK	3929	LARUE	3 37 32	85 44	788	7A					C	CORPS OF ENGINEERS
HOPKINSVILLE	3994	CHRISTIAN	2 36 51	87 30	940	7A					C	CORPS OF ENGINEERS
HYDEN	4093	LESLIE	4 37 10	83 23	890	7A					C	CORPS OF ENGINEERS
INEZ	4134	MARTIN	1 37 52	82 32	638	6P					C	CORPS OF ENGINEERS
IRVINGTON	4165	BRECKINRIDGE	3 37 53	86 17	646	7P					C	CORPS OF ENGINEERS
JACKSON	4196	BREATHITT	4 37 33	83 23	795	7A					C	CORPS OF ENGINEERS
JEREMIAH	4255	LETCHER	4 37 10	82 56	1150	5P					C	CORPS OF ENGINEERS
KEENE 1 SSW	4369	JESSAMINE	4 37 57	84 38	941	7A					C	CORPS OF ENGINEERS
KENTUCKY DAM	4414	LIVINGSTON	9 37 01	88 16	362	5A					C	CORPS OF ENGINEERS
LA GRANGE 2 NWW	4595	OLDHAM	7 38 26	85 23	880	5P					C	CORPS OF ENGINEERS
LANCASTER	4620	GARRARD	4 37 37	86 35	1032	8A					C	CORPS OF ENGINEERS
LEITCHFIELD	4703	GRAYSON	3 37 29	86 18	642	6P					C	CORPS OF ENGINEERS
LEXINGTON WB AIRPORT	4746	FAYETTE	4 38 02	84 36	979	MID					C	CORPS OF ENGINEERS
LIBERTY	4755	CASEY	3 37 21	84 55	772	7A					C	CORPS OF ENGINEERS
LITTLE HICKMAN LOCK 8	4825	JESSAMINE	4 37 45	84 35	521	7A					C	CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	HENRY	4 37 51	84 02	773	7A					C	CORPS OF ENGINEERS
LOGIC 1 S	4882	CLARK	2 37 08	84 04	1195	7A					C	HUBERT BURGER
LONDON	4893	LAUREL	2 37 05	84 05	1191	MID					C	FED. AVIATION AGENCY
LONDON FAA AP	4898	LAUREL	2 37 05	84 05	1191	MID					C	FED. AVIATION AGENCY
LOUISA 2	4946	LAWRENCE	1 38 07	82 36	585	8A					C	HAROLD C. FERGUSON
LOUISVILLE	4949	JEFFERSON	7 38 14	85 46	462	MID MID					C	LOUISVILLE G. & F. CO.
LOUISVILLE BOWMAN FLD	4951	JEFFERSON	7 38 13	85 40	558	8A					C	CORPS OF ENGINEERS
LOUISVILLE WB AP	4954	JEFFERSON	7 38 11	85 46	474	MID					C	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	JEFFERSON	7 38 17	85 46	403	6A					C	CORPS OF ENGINEERS
LOVELACEVILLE	4967	BALLAR	6 36 58	88 50	370	5P					C	BLAINE MALONE
LUCAS	5002	BARREN	3 36 53	86 02	738	5P					C	WILLARD E. FOSTER
MAYFIELD	5230	GRAVES	3 37 19	87 25	439	5P					C	HOMER WELBORN, JR.
MAYSVILLE DAM 33	5243	MASON	3 37 11	86 05	800	5P					C	NATIONAL PARK SERVICE
MC KEENE	5291	JACKSON	4 37 06	83 43	850	6P					C	NORA S. WHITE
MC KINNEYSBURG	5301	PENNINGTON	5 38 36	84 16	662	7A					C	JAMES D. HUGHES
META	5370	PIKE	1 37 34	82 27	730	7A					C	MAYFIELD ELEC. & MTR. CO.
MIDDLESBORO	5389	BELL	2 36 37	83 43	1130	5P					C	CORPS OF ENGINEERS
MIDDLESBORO SEWAGE PL	5394	BELL	2 36 38	83 43	1130	5P					C	CITY OF MIDDLESBORO
MIDWAY	5407											

51.05
NKE

U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

MARCH 1961
Volume 56 No. 3



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ASHEVILLE: 1961

KENTUCKY - MARCH 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 85° on the 27th at Inez

Lowest Temperature: 19° on the 17th at Benham

Greatest Total Precipitation: 9.17 inches at Benton 2 and Paducah
FAA Airport

Least Total Precipitation: 2.69 inches at Jeremiah

Greatest One-Day Precipitation: 2.94 inches on the 6th at
Shelbyville

Greatest Reported Total Snowfall: 4.0 inches at Benham

Greatest Reported Depth of Snow on Ground: 3 inches on the 5th at
Edmonton

PREPARATION AND PUBLICATION OF THIS BULLETIN

Much of the data presented in this publication comes from observations taken by volunteer cooperative observers. These observations are mailed after the close of the month to a Weather Records Processing Center, where they are checked for accuracy and completeness and placed on punch cards. These cards are used to prepare copy for the various tables. Printing and mailing is done at the National Weather Records Center at Asheville, North Carolina.

The various steps all take time. Records for any state can not be checked by machine until nearly all of them for that state have been received. Printing can not be done until all tables and the text for an issue are completed and assembled.

Constant effort is made to speed up publication and still maintain high quality of the data. A realistic deadline for mailing the printed Climatological Data has been set as the 15th of the second following month (45 days after the end of the month for which data are published). If any recipient's copy is unduly delayed, the Director, National Weather Records Center, Asheville, North Carolina should be advised.

CLIMATOLOGICAL DATA

KENTUCKY
MARCH 1961

Station	Temperature											Precipitation											
	Average Minimum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max		Min						Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
										32° or Above	32° or Below	32° or Above	32° or Below										
WESTERN																							
BEAVER DAM	61.3	40.9	51.1		77	27	29	17+	427	0	0	6	0	5.23		1.21	6	.0	0		10	3	1
BENTON 2	61.1M	40.3M	50.7M		77	27	25	18	427	0	0	3	0	9.17		1.57	7	.0	0		14	8	4
FORDS FERRY DAM 50	58.2M	40.8M	49.5M		75	27+	29	10	478	0	0	4	0	5.04	-.22	1.15	6	T	0		10	4	1
GOLDEN POND 8 N	61.8	41.8	51.8		76	28+	25	10	403	0	0	4	0	5.64		1.20	6	.0	0		10	6	1
GREENVILLE 2 W	60.5	41.7	51.1	3.6	75	27+	26	10	427	0	0	5	0	4.67	-.64	.90	21	.0	0		12	4	0
HENDERSON 7 SSW	58.5	41.3	49.9	3.1	76	6	29	17+	464	0	0	5	0	5.80	.25	.79	6	T	T	8	12	5	0
HICKMAN 1 E	60.2	40.4	50.3		74	6	26	10	445	0	0	3	0	7.18		1.20	13	.0	0		13	6	2
HOPKINSVILLE	59.7	39.6	49.7	1.8	77	28	27	10	469	0	0	8	0	7.00	1.62	2.11	6	.0	0		11	5	2
LOVELACEVILLE	60.5	41.5	51.0	2.3	75	5	25	10	429	0	0	4	0	8.87	3.34	2.14	6	.0	0		14	8	2
MADISONVILLE 1 SE	60.5	40.9	50.7		76	27+	28	17+	438	0	0	5	0	5.13		1.88	6	T	0		8	4	1
MAYFIELD	60.0	42.6	51.3		75	27+	27	10	423	0	0	2	0	7.13		1.67	13	.0	0		14	5	2
MURRAY	61.6	42.5	52.1	2.9	76	6	27	10	401	0	0	3	0	8.32	2.58	1.31	6	.0	0		14	8	2
OWENSBORO 2 W	59.3	41.2	50.3	3.8	75	27+	29	17+	450	0	0	5	0	5.33	.01	1.23	6	T	T	9+	12	5	1
PADUCAH FAA AIRPORT	58.2	41.6	49.9		73	27+	27	10	465	0	0	3	0	9.17		2.25	5	.0	0		14	6	3
PADUCAH	61.4	43.1	52.3		76	27	30	10	392	0	0	2	0	6.36	1.08	1.99	6	.0	0		9	5	1
PARADISE STEAM PLANT	60.4	39.7	50.1		77	7	29	10	456	0	0	6	0	5.42		1.45	6				11	3	1
PRINCETON	61.0	39.8	50.4	2.4	77	27+	22	10	452	0	0	6	0	5.68	.20	.91	6	T	0		10	6	0
RUSSELLVILLE	61.3	41.5	51.4	4.5	78	27	28	10	421	0	0	5	0	5.36	.12	1.15	6	.0	0		11	4	1
DIVISION																							
CENTRAL																							
ADDISON DAM 45	58.1	38.2	48.2		74	28+	28	3+	519	0	0	6	0	6.41	1.20	1.30	21+	T	T	9	13	4	2
ANCHORAGE	57.2	38.3	47.8	3.5	74	27	23	16	529	0	0	7	0	7.32	2.45	1.85	5	T	T	3+	14	4	2
BARSTOWN 5 J PREP SCH	60.3	38.2	49.3		74	27	24	17+	481	0	0	8	0	6.47		1.72	4				12	4	2
BOWLING GREEN FAA AP	59.6	40.6	50.1	1.6	74	27	27	10	454	0	0	6	0	5.11	-.52	1.16	4	.0	0		10	4	1
CAMPBELLSVILLE	60.1	41.3	50.7		72	26	26	10	435	0	0	5	0	5.12		1.20	4	.5	0		10	4	2
CECILIA	56.5	38.3	47.4	2.1	72	28	26	17	539	0	0	8	0	7.36	2.24	2.30	5	T	0		11	4	2
CLERMONT 1 SSE	61.6	39.4	50.5		76	28	25	16	440	0	0	9	0	6.32		1.30	5	.0	0		11	4	1
ELIZABETHTOWN	59.1	40.5	49.8		74	27	26	2	465	0	0	6	0	7.65		1.85	4	T	0		11	4	3
GLASGOW WKAY	60.8	41.6	51.2		73	27+	25	10	421	0	0	7	0	5.62		1.22	4	1.0	0		11	5	1
GREENSBURG	59.4	38.6	49.0	2.2	74	27	26	2	486	0	0	9	0	5.02	-.56	.88	5	2.0	1	9	14	4	0
IRVINGTON	59.4	40.1	49.8	3.3	75	27+	25	16	467	0	0	6	0	6.66	1.64	1.46	6	.5	0		11	5	3
LEITCHFIELD	59.7	40.0	49.9	2.9	77	27	24	17	467	0	0	6	0	6.23	.84	1.65	5	.2	T	9	11	5	2
LOUISVILLE	57.7	40.7	49.2		77	27	26	17	483	0	0	3	0	7.02		1.81	5	T	0		12	4	3
LOUISVILLE WB AP	56.5	38.6	47.6	2.0	74	27	26	17	536	0	0	7	0	7.63	2.96	1.84	5	.4	0		13	6	2
MAMMOTH CAVE PARK	61.6	41.2	51.4		75	27	25	10	415	0	0	6	0	5.91		1.67	4	.4	0		10	4	1
SCOTTSVILLE	61.7	42.3	52.0		74	26	26	10	397	0	0	6	0	5.71		1.29	6		0		10	3	1
SUMMER SHADE	60.1	39.6	49.9		73	27+	23	10	462	0	0	7	0	5.46		1.00	8+	1.0	0		12	4	2
WOLF CREEK DAM	60.7	35.8	48.3		75	27	24	11+	514	0	0	12	0	5.48		1.30	7	.0	0		13	4	2
DIVISION																							
BLUE GRASS																							
BEREA COLLEGE	61.9M	40.1M	51.0M	4.0	76	5	24	17	437	0	0	6	0	4.81	-.15	1.14	4	T	T	9	11	3	1
CARROLLTON LOCK 1	59.2	39.9	49.6		73	28+	26	17	471	0	0	6	0	5.75	1.19	2.15	6		1	9	10	4	1
COVINGTON WB AIRPORT	54.8	38.1	46.5	4.8	73	27	24	17	568	0	0	7	0	4.76	.72	.73	21	1.4	1	9	10	5	0
CYNTHIANA 2	56.4	35.4	45.9		73	28	25	17+	585	0	0	11	0	6.09		1.12	6	1.0	1	9	16	5	2
DANVILLE	56.8	37.5	47.2		72	27	24	18+	547	0	0	9	0	4.37	-.50	.92	5	.3	T	9	14	3	0
DIX DAM	60.1	40.2	50.2		72	5	25	17	454	0	0	5	0	4.81		1.25	5	.0	0		13	3	1
FALMOUTH	58.8	38.1	48.5		74	27	25	17+	506	0	0	10	0	5.30	.39	1.81	6	T	T	9	11	3	1
FLEMINGSBURG 2	57.1	38.3	47.7		72	27+	24	17+	528	0	0	8	0	4.48		.97	4	.0	0		12	1	0
FRANKFORT LOCK 4	56.6M	36.8	46.7M	1.3	73	28	27	18+	580	0	0	10	0	6.11	1.28	2.42	6	.3	T	9	11	4	1
LEXINGTON WB AIRPORT	55.7	38.3	47.0	2.7	70	27	24	17	554	0	0	7	0	6.18	1.72	1.20	4	T	T	9+	12	5	2
MAYSVILLE DAM 33	56.6	35.2	45.9	1.8	73	28	26	17+	586	0	0	12	0	5.93	1.12	1.84	6		T	9	11	3	2
MOUNT STERLING	59.0	39.5	49.3		71	27+	24	17	478	0	0	8	0	4.82	-.25	1.44	4		1	9	12	2	1
RICHMOND	56.9	37.7	47.3		72	27+	24	17	541	0	0	9	0	4.03		.60	5	.8	1	9	13	2	0
SHELBYVILLE	55.8	37.2	46.5	1.6	72	28	24	17	566	0	0	8	0	7.50	1.91	2.94	6	T	T	9	11	4	1
WARSAW MARKLAND DAM	56.7	39.7	48.2	4.3	73	27	28	17	512	0	0	6	0	5.65	.83	1.76	6		T	9	11	4	1
WILLIAMSTOWN 5 WSW	54.7	34.5	44.6	.3	71	28	22	17	623	0	0	15	0	6.08	1.06	1.48	6		1	9	12	5	2
DIVISION																							
EASTERN																							
ASHLAND DAM 29	59.0	39.5	49.3	3.3	75	27	26	17	482	0	0	7	0	4.29	-.09	.95	5	.9	T	10+	12	2	0
BARBOURVILLE	63.6M	39.3M	51.5M		78	5	23	17	414	0	0	9	0	4.85		1.14	6		0		13	3	1
BAXTER	60.2	37.3	48.8		74	6	24	17	515	0	0	14	0	4.03		1.08	8	1.2	1	9	12	1	1
BENHAM	59.9	37.8	48.9		75	6	19	17	497	0	0	11	0	4.83		.91	8	4.0	2	10+	13	3	0
BLAINE 1 W	58.4	34.4	46.4		75	28+	20	17	568	0	0	14	0	2.96				.3	0				
DEWEY DAM	60.4	36.1	48.3		78	6	24	17+	513	0	0	12	0	3.70		.76	8		0		12	2	0
FARMERS	60.6	37.6	49.1	3.6	75	27	22	17	485	0	0	12	0	3.99	-.93	.72	5	.5	T	10+	13	1	0
GRAYSON 1 SE	56.9	36.4	46.7		76	28	25	17+	559	0	0	13	0	4.18		.95	5	T	T	9	12	2	0
HEIDELBERG LOCK 14	63.3	37.2	50.3		77	5	20	17	450	0	0	11	0	4.85	-.15	1.05	5	.0	0		14	3	1
HINDMAN	62.8	38.5	50.7		76	5	21	17	438	0	0	10	0	3.82		.75	8	T	T	9	11	2	0
INEZ	63.0	37.2	50.1		85	27	22	17	454	0	0	11	0	2.86		.48	8+	.0	0		10	0	0
LONDON FAA AIRPORT	58.5	38.1	48.3		76	5	25	2	513	0	0	10	0	5.54		1.11	21	1.0	T	9	11	5	1
MANCHESTER 4 SE	63.3	39.3	51.3		78	5	21	17	417	0	0	9	0	4.73		1.05	8	T	T	9	12	2	2
MIDDLESBORO	63.4	39.4	51.4		74	5	23	17	413	0	0	9	0	4.73		1.48	8	1.0	T	9	10	2	1
MONTICELLO	61.2	40.1	50.7		74	27+	26	17+	437	0	0	9	0	4.94		1.33	7	.5	0		11	3	2

CLIMATOLOGICAL DATA

KENTUCKY
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CONTINUED

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max		Min.						Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
										90° or Above	32° or Below	32° or Below	0° or Below										
MOUNT VERNON	61.0	39.6	50.3		75	5	25	17	450	0	0	6	0	5.09	-	.80	4	T	0		10	6	0
PIKEVILLE	64.9	41.6	53.3		79	5	27	17	360	0	0	6	0	4.12	-.55	.70	16	T	0	10+	10	2	0
SOMERSET 1 N	60.3	38.6	49.5		74	5	25	2	477	0	0	9	0	5.32		1.12	6	T	0		10	4	1
VANCEBURG DAM 32	59.1	38.3	48.7		77	27	25	17	499	0	0	9	0	4.69	-.05	1.12	5	T	0		11	3	1
WEST LIBERTY	59.0M	34.5M	46.8M		76	28	21	17	556	0	0	15	0	4.70		.95	4	T	0		14	1	0
WILLIAMSBURG 2	62.3	38.3	50.3	1.7	78	27+	24	17+	452	0	0	10	0	5.27	.30	1.27	8	.0	0		15	2	1
DIVISION			49.6	2.7										4.45	-.46			.5					

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Midnight CST	6:00 a CST	Noon CST	6:00 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
COVINGTON WB AIRPORT	SSW	14	12.1	35	SSW	6	73	78	66	64	10	4	5	5	0	0	24	-	8.2
LEXINGTON WB AIRPORT	S	18	12.7	-	-	-	84	88	70	72	9	2	7	3	2	0	23	-	8.0
LOUISVILLE WB AIRPORT	W	9	9.1	34	W	6	79	84	70	68	9	3	7	4	2	0	25	35	8.1

See Reference Notes Following Station Index

DAILY PRECIPITATION

KENTUCKY
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Station	Total	Day of Month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ADDISON DAM 45	6.41	+10	T				T	.80	1.30	.22	.38	.10	.03	T	.58			.03	.26	1.30	.33	.43	.05						.02	.31	.16	.16	.16	
ALBANY 4 N	4.72	.03				.24				1.12	1.12	.07			.14	.10		.13		.18	.20	.12	.34	.21	.02				.26	.16	.26	.26	.26	
ANCHORAGE	7.32	.02	T			.46	1.85	.96	.02	.82	T			.24		.10	.15	.11	.11	.20	1.12	.34	.21	.02					.26	.16	.26	.26	.26	
ASHLAND DAM 29	4.29	.37				T	.95	.24	.22	.23	.31	.06			.29	.07	T	.36		.19	T	.07	.41	.03	.03				.25	.81	.50	.50	.50	
BARGOEVILLE	4.85	.02				.10	T	1.14	.14	.91	.13				.29	.07	T	.36		.19	T	.07	.41	.03	.03				.25	.81	.50	.50	.50	
BARDSTOWN S J PREP SCH	6.47	.01			1.72	1.07	.77	.02	.31	.04				.01	.27	.04	.03	.09	.03	.12	.38	.01	.75	.19	.11	.03				.17	.18	T	.41	.41
BAXTER	4.03	.30	.03		T	T	T		.39	1.08	.12	.10			.14	.42		.47	T	.05	T	.22	.06	.25		.02				.04	.18	T	.41	.41
BEAVER DAM	5.23				.83	.37	1.21		.48					.10	.12			.24	T	.24	T	.95	.44	.04					.04	.18	T	.41	.41	
BENHAM	4.83	.21				.16	.02		.71	.91	.17	.16			.09	.52		.38	.16	.05	.03	T	.08	.18	.36	.08	.08	T	.12	.29	.06	.21	.21	
BENTON 2	9.17			.10	1.05	.40	.85	1.57	.87					.72	1.02	T	.05	.13		.03	.44		.50	.04					.21	.12	.07	1.07	1.07	
BEEBA COLLEGE	4.81				1.14	.65			.46	.22					.09			.48	.15	.06	.30	.12	.19						.21	.27	.74	.74	.74	
BEEBA WATER WORKS	4.88	.16			.30	1.15	.19	.41	.46	.08	.02			.03	.02		.44	.16	.05	.04	.26	.05	.14	.28	.02				.27	.30	.35	.35	.35	
BLAINE 1 W	02.96	.05			.20	.21			.45	.03				.10			.32	.15	.14		.15	.18	.05	.15	.12				.05	.20	.05	.62	.62	
BOWLING GREEN	5.40	.04			.32	.95	.22	.45	.52	.03	.04				.32			.04	.04		.15	.18	.05	.15					.05	.20	.05	.62	.62	
BOWLING GREEN SUBSTA	5.40	.02	T		1.01	.28	.86	.68	.03					T	.21	T		.01	.06		.96	.11	.04	.11					.24	T	.78	.78	.78	
BOWLING GREEN FAA AP	5.11	T		T	1.16	.17	.58	.33	.10	T			.03	.29	.06	.03		.08		.77	.07	.11	.09						.01	.24	.02	.97	.97	
BRENT DAM 36	5.10	.25	T		.02	.58	.85	.33	.42	.23	T			.53	.06		.02	.04	.64	.76	.02	.32	.03	T	T	T				.11	.43	.43	.43	
BROWNSVILLE LOCK 6	5.26	.10			.19	1.49	.33	.56	.40	.09				.34			.08	.08	.90	.04	.06	.05								.35	.38	.38	.38	
BURDINE 2 NE	3.80					.50	.70					.43			.07	.05		.43	.35	T										.35	.38	.38	.38	
BURKESVILLE	6.17	.06			.08	1.16	T	1.35	1.46	.13	T			.16	.12	T	.08	.21	.05	T	.64	.07	T	.08	T	T			.10	.15	T	.27	.27	
CADIZ LOCK 2	-				.27	.49	2.15	.03	.76	T							.20		.09	.51	.34	.74							.08	.38	.38	.38	.38	
CALHOUN LOCK E	5.34	.03			.21	.58	1.52	.22	.18	T				.95			.02	.02		.27	.61	.34	.23	.02					.02	T	.14	.14	.14	
CAMPBELLVILLE	5.12				1.20	.01	.58	.44			.01			.01	.15	T	.02	.12	.02	.70	.21	.04	.03						.05	.01	T	.35	.35	
CANEYVILLE	6.59	.01			.18	1.66	1.25	.12	.73	.08	T			.36	T		.04	.02	.31	.97	.27	.12	.06							.01	.01	T	.35	.35
CARROLLTON LOCK 1	5.75	.12			T	.54	2.15	.23	.55	.07	T			.42	.08		T	.05	.23	T	.85	.02	.23	.20	T					.01	.01	T	.35	.35
CECILIA	7.36	.18	T		.09	2.30	.56	.71	.49	.05				.26	.07		.06	T	.42	1.33	.08	.28	.05							.19	.45	.15	.15	
CLAY CITY 1 WNW	4.51	.17			.10	.74	.06	.55	.83	.05	T			.05	.09		.30	.25	.08	.28	.05	.15	.16						.01	.20	.33	.33	.33	
CLERMONT 1 SSE	6.32				.89	1.30	.71	.02	.41	.06				.27	.06	T	.09	.19	.36	T	.97	.35	.08	.04						.19	.44	.44	.44	
COBB	6.39				.33	.51	1.85	.87	.02					.03	T		.19	.19	.27	T	.25	.02	.15	.13						.08	.19	.51	.51	
COLLEGE MILL LOCK 11	3.66	.04			.06	.85	.05	.50	.42	T				.03	T		.19	.19	.27	T	.25	.02	.15	.13						.44	T	.26	.26	
COVINGTON WB AIRPORT	4.76	T			.51	.57	.64	T	.42	.04	T			.36	.52	T	T	.36	.18		.73	.35	.01	.02						.40	T	.48	.48	
CUMBERLAND FALLS ST PK	5.93				.04	1.20		.23	1.05	.13				.41			.36	.18		1.00	.08	.04	.29							.09	.09	.04	.04	
CYNTHIANA	5.25	.22	T		T	1.21		.94	.72	.18	.05			.22	.12	T	.03	.19	.14	T	.65	.10	.22	.09						.02	.10	.01	.17	.17
CYNTHIANA 2	06.09	.25			.17	1.08	1.12	.47	.70	0.10	.05			.10	.37	.02		.26	.16	.01	.63	.11	.19	.10						.02	.10	.01	.17	.17
DANVILLE	4.37	.15			.05	.92	.04	.60	.38	.14	T			.10	T		.30	.10	.10		.65	.06	.25	.12						.14	.14	.27	.27	
DELPHIA 1 E	3.27	.27			.17	.50		.25	.75	.05	.06			.16			.10	.10	.20	.25		.12	.36						.07	.17	.24	.24	.24	
DEWEY DAM	3.70	.24			.17	.50		.25	.75	.05	.06			.16			.10	.10	.20	.25		.12	.36						.07	.17	.24	.24	.24	
DIX DAM	4.81	.07			.17	1.25	.56	.14	.32	.05	.04			.09	T		.16	.16	.16	.67	.09	.21	.10						.13	.08	.42	.42	.42	
DUNDEE 2 SE	5.88				.22	.95	.40	.45	.02					.42			.06	.06	.06	1.08	.48	.12	.02							.13	.08	.42	.42	.42
DUNMORE	5.86				.12	.76	1.33	.04	.85	.15	T			.40			.06	.06	.06	.99	.22	.07	.05	.12						.13	.08	.42	.42	.42
EDDYVILLE LOCK F	4.83				.15	.29	.73		.59	T				1.30			.10	.10	.10	.20	.25	.12	.36						.07	.17	.24	.24	.24	
EDMONT	5.29	.10			.10	.45	.32	.96	1.05					.30			.10	.10	.10	.20	.25	.12	.36						.07	.17	.24	.24	.24	
ELIZABETHTOWN	7.65				1.85	1.32	.74	.08	.42	.09				.26	.08		.56	.36	.36	1.44	.33	.28	T						.02	.18	.35	.36	.36	
ELK MORN CITY	4.26	.22			.12		.29	.76	.10	.12	T			.34			.17	.07	.01	1.12	.18	.05	.03						.18	T	.66	.66	.66	
ELKTON 2 S	6.20				.54	.66	1.33	.08	.76	.02	T			.34			.17	.07	.01	1.12	.18	.05	.03						.18	T	.66	.66	.66	
FALMOUTH	5.30	.31			T	.49	1.81	.21	.55	.05	.08			.24	.11	T	.08	.23	.73	.04	.21	.14	T						.02	T	.34	.34	.34	
FARMERS	3.99	.15			.07	.72	.18	.34	.35	.08	.05			.14	.06	T	.29	.21	.09	.35	.08	.20	.13	T					.34	.34	.34	.34	.34	
FLEMINGSBURG	4.80	.25	T		T	1.21	.51	.21																										

DAILY PRECIPITATION

KENTUCKY
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Continued

Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
OWENSBORO DAM 46	5.75	.14			.03	.75	.85	.62	.22	.06	.01			.70				.03	.74		.58	.33	.24	.06					.05	.23		.11	
PADUCAH FAA AIRPORT	9.17			.07	.34	2.25	.66	1.12	.29	T				.86	.43	.16			.16		.33		.70	.04						.14		.10	
PADUCAH	6.30				.47	.45	1.99	.70	.32					.55	.41																	.54	
PAINTSVILLE	4.10	.20			.60			.43	.51	.06	.08							.38	.05	.42		.03	.65	.23	.15					.20		.11	
PARAISO STEAM PLANT	5.42				.40	.71	1.45		.47					.33				.02	.02		.13	.80	.40	.10					.10	.06		.43	
PIKEVILLE	4.12	.06			.02	.03	.42	.03	.66	.08	.01			.13	T	.02		.70	.46	T		.21	.05	.21	.36					.24	.15	.01	.42
PINEVILLE	4.62	.30	.05		.02	.01	.02	.39	1.34	.16	.02			.07	.38	T	.68	.08	.07	T	.14	.13	.20		.02					.15	.02	.37	
PRINCETON	5.68				.71	.65	.91	.18						.72	.03	.45	.05	.30	.04			.76	.15	.05					.08	.05	.55		
RAVENNA LOCK 12	4.46				.70	.76		.76	.36	.05				.06			.35	.20	.05		.29	.06		.14					.35	.33			
RICHMOND	4.03	.14	T		.48	.60	.13	.59	.39	.10	T			.12	.05		.20	.08	.08		.15	.04	.08	.21	.02					.26	.31		
ROCHESTER LOCK 3	6.41				.09	1.46	1.25	.09	.79	.02	T			.46			.03	.03	.08		1.13	.27	.09	.06					.06	.03	.02	.39	
RUSSELLVILLE	5.36	.02			.41	.28	1.15	.07	.64	.03				.33			.10	.09	T		.82	.14	.06	.04					.31	.19	.02	.66	
RUSSELLVILLE SUBSTA	5.56	T			.63	1.23	T		.48	.02				.34			.10		.60		.97	.16	.04	.04					.21		.74		
SALYERS LOCK 6	5.69	.18	T		.11	1.50	.83	.42	.24	.06	T			.12	.03		.17	.09	.19	T	.74	.08	.38	.10					.25	.20			
SALYERSVILLE 2 SE	4.62	.14			.65	.02	.57	.61	T	.08				.03			.28	.18	.35		.15	.72	.14	.20	.05					.30	.15		
SCOTTSVILLE	5.71	.02			.48	.17	1.29	.07	.87	.08				.33		.05		.24			.04	.87	.21	.09					.41		.49		
SCOTTSVILLE 2 SW	5.06	T			.05	.45	.35	1.05	.85	T	T			.30			.06	.20			.85	.11	.03	.06					.20	.05		.45	
SEBREE	6.00				.40	1.60	.90							.40			1.10				.80											.40	
SHAWNEE STEAM PLANT	8.09				.28	.98	1.88		1.81	T				.03	1.22		.40	.09	.08		.13	T	.25	.68	.05	T				.16	T	.45	
SHELBYVILLE	7.50	.09	T			.93	2.94	.24	.70	.07	T			.24	.04		.12	.08	.38	T	.95	.04	.28	.07	T							.18	
SHEPHERDSVILLE	6.44				1.30	1.50		.17	.48	.10				.26							.34	1.24	.28	.25	.07	.02				.20		.23	
SOMERSET 1 N	5.32	.01			.42	.04	1.12	.07	.72	.02				.32	.02		.24	.11			.75	.07	.09	.10					.02	.45		.75	
SPRINGFIELD	5.02	T			.30	1.28	1.13	.08	.32	T				.14	.04		.07	.03	.10		.70	.15	.19	.08						.07		.34	
STEARNS	6.02	.20						.86	1.78	.06	T			.31			.31	.20	T		1.05	.22		.36						.36		.31	
SUMMER SHADE	5.46				.46	.21	1.00	.02	1.00	.09				.32		.05		.30			.10	.76	.17	.12	.06					.24	.02	.54	
SUMMER SHADE SUBSTA	5.87	.32			T	.52	.15	1.08	1.00	.09				.28	.03		.04	.17	.64		.81	.03	.16	.12					.02		.20	.02	.19
TAYLORSVILLE	6.05	.06			.06	1.20	1.22	.84	.35	.07	T			.22	.02		.15	.05	.25		.84	.08	.25							.14		.25	
TURKEY CREEK SCHOOL	6.98				.69	.53	1.65		.85	.02				1.05	.02		.23	.03		.51	.33	.08	.02						.10	.30	.01	.56	
TYRONE LOCK 5	6.02	.18			.14	1.46	.93	.86	.32	.08	T			.05	.18		.15	.05	.24		.68	.04	.26	.05						.17		.18	
UNIONTOWN DAM 49	5.36	.08			.03	.55	1.15	.01	.93	T				.93				.02	.19		.37	.35	.31	.03					.09	.11	T	.21	
VALLEY VIEW LOCK 9	3.94	.08			.07	1.07	.15	.36	.39	.03	T			.07	T		.16	.09	.11		.47	.01	.15	.12	T					.28		.33	
VANBUREN	7.14	.10			.24	1.58	1.77	.54	.37	.06				.18	.40		.18	.06	.39		.62	.03	.29	.05						.15		.13	
VANCEBURG DAM 32	4.69	.34	T		T	1.12	.61	.17	.60	.05	T			.33	.04	T	.08	T	.36	T	.47	.10	.26	.04	T	T	T			.12	T	T	
WARSAW MARKLAND DAM	5.65	.24			.02	.58	1.76	.30	.33	.20	T			.54	.07	T	.02	.07	.41		.69	.04	.27	.11	T							T	
WAYNESBURG 7 NE	4.80	.11	.20		T	1.37	.11	.55	.58	.05	T			.06	.08		.31	.08	.05	T	.28	.06	.12	.12	T					.27	T	.40	
WEST LIBERTY	4.70	.24			.95	.06	.30	.33	.33	.07	.08						.30	.10	.17		.28	.31	.41	.11	.10	T				.48		.08	
WILLIAMSBURG 2	5.27	.18	.20		.04		.64	1.27	.19	.12				.16	.30		.38	.20	.09		.35	.10	.03	.31						.31	.03	.37	
WILLIAMSTOWN 5 WSW	6.08	.24	T		.06	1.04	1.48	.29	.67	.10	.06			.20	.21	T	T	.51		.71	.07	.27	.12	T					.05		T		
WILLOW LOCK 13	4.81	.08			.10	.10	.06		.90	.10				.08	.02		.49	.20	.07		.56	.18	.15						.28		.36		
WOLF CREEK DAM	5.48	.15			.10	.23	.05	1.30	1.29	.13	.06			.11	.12		.10	.14	.06		.60	.06	.03	.08					.62	.01	.24		
WOODBURY LOCK 4	5.72				.27	1.31	.97	.12	.70	.08				.05	.27		.02	.02	.06		.99	.28	.07	.07	.01					.03	.02	.38	

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicates distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sum of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T. In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicates the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- E "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry. Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

E Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

TS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., EST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history changes in locations, elevations, exposures, etc., of substation through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

DAILY TEMPERATURES

KENTUCKY
MARCH 1961

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AOLISON OAM 45	MAX	44	44	61	65	66	70	74	60	58	44	54	65	60	67	47	59	54	50	62	46	58	62	50	49	49	64	68	74	64	56	56	58.1
	MIN	35	28	28	43	57	56	40	40	32	34	34	40	46	40	30	30	30	30	46	40	42	42	40	39	34	34	68	74	64	34	36	38
ANCHORAGE	MAX	42	60	66	64	65	70	58	61	42	50	66	61	68	55	55	51	47	60	58	53	56	52	46	46	60	70	74	65	54	53	46	57.2
	MIN	34	27	36	54	56	55	37	36	30	26	32	37	51	37	33	23	25	34	41	35	47	44	39	37	40	36	51	46	32	37	38	38.3
ASHLAND DAM 29	MAX	43	59	69	62	68	73	64	70	47	44	66	66	64	62	59	50	43	54	56	59	58	56	55	47	58	69	75	68	58	55	53	59.0
	MIN	35	29	37	50	50	54	46	47	30	29	34	34	46	43	35	30	26	32	46	37	44	42	44	40	38	31	46	55	38	39	38	39.5
BARBOURVILLE	MAX	46	58	66	66	78	74	71	70	53	50	62	70	65	62	65	60	58	56	72	67	60	59	48	48	75	75	70	65	62	61	63.6	
	MIN	39	28	30	43	56	57	51	53	29	30	27	32	44	43	28	34	23	42	46	50	39	43	38		30	42	45	33	43	43	39.3	
BAROSTOWN S J PREP SCH	MAX	44	60	66	65	71	72	68	63	42	50	67	66	69	63	61	51	48	63	61	55	58	55	47	47	61	72	74	73	65	56	55	60.3
	MIN	33	27	38	51	59	57	39	36	27	25	34	40	47	37	31	24	24	32	42	38	46	41	37	36	39	35	53	48	32	38	37	38.2
BAXTER	MAX	55	46	56	65	70	74	68	71	69	35	48	66	67	60	48	63	52	60	59	59	71	60	57	49	45	64	73	68	60	63	64	60.2
	MIN	44	29	29	29	48	55	54	55	29	29	26	26	30	43	30	31	24	25	41	41	47	42	41	38	38	30	31	41	40	40	45	37.3
BEAVER OAM	MAX	47	65	64	66	72	76	72	63	45	53	69	65	71	59	64	62	52	67	57	53	56	52	47	47	63	69	77	72	60	60	56	61.3
	MIN	37	32	41	56	62	58	41	37	30	29	38	44	52	41	35	29	29	38	43	42	47	40	40	39	31	40	55	50	33	40	40	40.9
BENHAM	MAX	53	43	55	65	74	75	70	73	68	33	45	58	67	61	48	61	50	56	55	61	70	65	60	49	43	62	73	70	62	66	65	59.9
	MIN	40	23	30	40	52	61	52	52	26	25	30	35	45	46	28	31	19	24	38	44	45	40	40	35	37	28	31	44	43	43	44	37.8
BENTON 2	MAX	52	64	61	71	76	74	70	63	46	56	67	63	65	62	52	52	54		57	56	58	49	49	53	69	72	77	70	64	58	52	61.1
	MIN	38	33	38	62	64	60	41	36	34	26	37	44	52	42	36	33	33	25	40	40	43	36	40		28	35	51	44	38	41	40	40.3
BEREA COLLEGE	MAX	43	69	67	66	76	73	68	65	48	46	68	68	67	68	63	57	50	61	61	61	65			55	58	58	74	72	64	56	54	61.9
	MIN	36	32	45	62	57		45	46	28	26	36	36	54	40	36	27	24	35	47	39			42	40	37	40	35	54	32	33	39	40.1
BLAINE 1 W	MAX	40	45	59	69	60	70	75	62	70	37	46	70	70	65	48	63	50	45	63	59	60	50	58	48	48	59	68	75	65	57	56	58.4
	MIN	35	23	26	29	49	50	42	45	30	26	22	29	32	46	30	27	20	28	34	39	39	39	42	40	39	40	39	34	26	26	40	34.4
BOWLING GREEN FAA AP	MAX	46	63	65	67	70	73	65	68	45	52	68	61	70	50	60	53	52	62	54	59	56	55	48	49	61	72	74	68	54	59	50	59.6
	MIN	39	30	43	57	60	54	45	32	31	27	38	44	50	35	36	33	30	43	43	43	41	42	40	39	30	37	55	45	36	42	38	40.6
CAMPBELLSVILLE	MAX	43	60	64	66	70	69	68	61	40	49	66	64	69	67	64	52	52	64	56	59	57	57	48	47	63	72	71	69	64	60	53	60.1
	MIN	37	31	44	52	59	57	43	39	29	26	38	43	52	40	34	28	28	39	46	42	49	40	38	41	39	55	54	33	41	41	41.3	
CARROLLTON LOCK 1	MAX	42	59	65	63	65	69	69	63	43	47	66	67	67	65	55	53	49	54	57	55	59	58	52	50	60	69	73	73	65	52	51	59.2
	MIN	35	33	41	54	60	57	38	42	30	31	35	35	51	40	36	29	26	32	43	36	44	44	40	38	41	32	54	47	37	35	40	39.9
CECILIA	MAX	40	43	60	64	64	70	70	60	60	41	50	54	66	66	43	62	50	46	64	48	54	54	46	40	41	35	42	52	32	37	39	56.5
	MIN	35	29	23	42	53	61	40	43	29	28	30	40	49	42	34	27	26	28	43	40	40	41	40	36	41	35	42	52	32	37	39	38.3
CLERMONT 1 SSE	MAX	43	61	66	67	67	70	72	63	49	52	69	68	69	69	60	58	53	59	64	54	58	56	49	47	65	70	74	76	66	59	57	61.6
	MIN	36	28	44	55	58	58	38	43	31	26	31	39	50	40	31	25	26	32	37	40	48	42	40	38	40	33	53	50	31	40	39	39.4
COVINGTON WB AIRPORT	MAX	41	58	65	62	65	68	52	64	38	46	62	64	66	46	51	46	41	52	51	53	57	51	45	44	58	70	73	63	51	52	43	54.8
	MIN	33	30	43	54	60	46	40	33	29	28	35	37	46	36	36	29	24	31	38	33	45	43	40	38	35	42	54	40	36	32	35	56.4
CYNTHIANA 2	MAX	41	43	59	66	63	65	67	60	64	37	53	65	65	66	45	55	49	46	56	50	56	57	53	46	46	59	70	73	63	55	55	56.4
	MIN	33	30	31	40	53	59	37	41	30	30	27	32	36	42	33	25	25	27	36	34	37	34	40	37	36	28	33	48	31	36	37	35.4
DANVILLE	MAX	38	41	58	64	64	71	68	61	41	36	48	65	66	67	43	61	49	50	61	54	58	55	33	44	46	59	72	71	64	55	57	56.8
	MIN	35	31	31	43	52	62	42	42	29	29	29	44	47	42	34	28	24	24	37	39	39	38	38	38	46	39	32	51	32	35	37	37.5
DEWEY DAM	MAX	42	44	59	70	59	78	76	63	73	37	48	69	71	65	50	67	51	50	65	59	62	54	59	50	58	61	74	76	64	56	61	60.4
	MIN	36	29	28	28	47	53	41	41	31	29	24	32	34	49	31	30	24	25	36	41	41	41	40	40	40	40	40	47	34	34	40	36.1
DIX OAM	MAX	42	59	64	65	72	70	69	63	53	47	66	66	66	66	61	59	49	60	60	55	57	54	54	45	58	71	71	70	60	56	56	60.1
	MIN	36																															

DAILY TEMPERATURES

KENTUCKY
MARCH 1961

Continued

Station		Day Of Month																															Average		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
IRVINGTON	MAX	45	63	67	64	66	75	69	61	44	53	68	62	68	58	59	54	48	61	60	52	55	50	46	46	64	69	75	71	58	56	53	59.4		
	MIN	36	32	42	54	60	57	39	36	29	26	38	43	52	38	35	25	27	37	43	40	46	44	39	36	37	39	54	49	31	40	38	40.1		
LEITCHFIELD	MAX	46	62	64	64	70	73	66	60	44	53	68	63	69	58	65	52	50	65	59	54	55	52	46	48	64	71	77	68	57	57	51	59.7		
	MIN	36	31	42	54	60	58	40	34	30	29	38	45	45	39	31	29	24	39	43	40	41	42	40	35	35	42	55	50	34	40	39	40.0		
LEXINGTON W8 AIRPORT	MAX	41	57	63	62	69	66	58	62	36	47	64	62	66	47	57	49	43	59	54	55	56	53	45	46	57	68	70	62	55	52	45	55.7		
	MIN	32	31	41	52	59	54	40	32	28	27	34	41	47	34	34	27	24	33	42	37	42	41	37	38	41	38	53	39	35	38	36	38.3		
LONDON FAA AIRPORT	MAX	42	58	66	68	76	68	61	65	34	47	67	64	64	53	64	49	52	60	56	64	58	55	45	44	59	72	70	64	56	59	52	58.5		
	MIN	32	25	36	54	55	55	44	33	28	29	29	33	51	35	30	31	27	38	46	44	40	34	40	38	37	31	49	41	31	43	42	38.1		
LOUISVILLE	MAX	44	62	66	66	67	74	59	63	42	51	68	61	69	49	58	52	45	60	55	52	54	52	47	48	58	67	77	65	54	55	50	57.7		
	MIN	36	33	43	57	62	50	44	34	30	33	42	45	47	37	38	30	26	36	42	38	47	42	41	40	42	40	50	41	39	42	34	40.4		
LOUISVILLE W8 AP	MAX	42	60	64	66	65	65	70	56	61	42	50	65	60	65	60	67	46	59	50	46	60	53	52	56	52	46	45	58	69	74	64	54	52	46
	MIN	33	30	39	56	58	49	40	33	31	30	38	39	45	32	34	28	26	36	41	38	46	41	40	38	40	37	50	40	37	39	32	38.6		
LOVELACEVILLE	MAX	52	65	60	70	75	73	69	64	50	55	69	64	62	60	56	55	53	65	58	53	54	50	46	56	67	65	73	68	60	56	53	60.5		
	MIN	37	30	42	55	62	56	42	38	33	25	38	46	47	41	42	32	33	45	42	40	43	42	42	38	30	38	54	52	40	40	42	41.5		
MAOISONVILLE 1 SE	MAX	48	63	63	66	71	76	72	63	46	53	69	66	68	55	58	56	54	63	59	52	56	49	47	47	64	68	76	72	62	59	56	60.5		
	MIN	37	33	43	53	62	55	41	35	31	28	45	46	52	40	40	30	28	34	42	41	46	41	40	39	30	37	55	50	35	40	40	40.9		
MAMMOTH CAVE PARK	MAX	44	62	65	65	69	71	71	62	44	53	69	67	69	65	66	54	53	66	60	60	55	56	47	47	63	73	75	73	67	60	60	61.6		
	MIN	37	30	43	53	60	58	42	38	29	25	40	47	51	41	34	28	28	40	46	42	48	41	40	35	40	38	56	55	31	41	40	41.2		
MANCHESTER 4 SE	MAX	45	59	69	70	78	73	69	69	52	48	69	69	65	65	65	60	53	65	64	65	62	60	57	47	63	74	72	69	65	62	60	63.3		
	MIN	40	28	29	44	54	55	48	52	29	29	26	31	44	43	28	33	21	39	51	46	50	39	43	39	40	28	48	42	34	44	41	39.3		
MAYFIELD	MAX	50	65	61	69	75	75	68	65	48	54	67	62	58	57	55	55	54	64	55	55	52	49	48	55	65	65	75	69	62	54	54	60.0		
	MIN	36	35	44	58	62	56	42	37	34	27	42	52	50	42	45	33	34	46	42	39	42	41	41	38	32	43	53	52	41	40	42	42.6		
MAYSVILLE OAM 33	MAX	41	42	60	67	63	65	68	57	66	38	46	66	67	68	46	54	48	42	55	54	57	57	54	48	51	58	72	73	63	54	54	56.6		
	MIN	33	27	28	35	50	54	40	38	30	30	26	32	32	45	33	27	26	27	33	36	35	38	42	40	37	31	31	45	35	37	37	35.2		
MIDDLESBORO	MAX	52	58	63	73	74	72	68	69	51	52	66	68	63	61	65	60	61	60	63	72	69	58	55	48	64	72	70	66	65	64	63	63.4		
	MIN	40	26	28	47	55	56	53	51	29	31	29	32	41	43	29	37	23	39	49	38	48	41	42	39	41	29	39	43	33	45	46	39.4		
MONTICELLO	MAX	43	60	68	70	74	68	67	65	38	50	67	65	67	62	63	55	57	63	57	70	63	55	51	50	60	73	74	68	62	57	56	61.2		
	MIN	38	28	42	56	60	57	49	38	29	26	30	36	52	41	26	31	26	40	49	44	48	41	41	37	31	32	53	43	33	42	44	40.1		
MOUNT STERLING	MAX	41	58	65	63	70	71	65	66	46	46	65	67	69	65	58	54	47	57	57	57	56	52	52	49	56	70	71	69	60	54	53	59.0		
	MIN	35	25	32	53	59	58	42	46	29	28	32	39	51	41	35	28	24	32	47	37	48	41	39	38	37	35	50	54	36	37	38	39.5		
MOUNT VERNON	MAX	42	60	68	67	75	69	64	65	46	58	65	67	64	64	63	57	52	60	58	64	60	55	50	56	62	61	73	70	62	59	55	61.0		
	MIN	37	27	42	44	60	58	44	46	37	28	30	39	53	41	34	28	25	36	42	42	50	36	40	37	44	33	44	40	30	40	40	39.6		
MURRAY	MAX	52	65	61	67	75	76	74	68	49	55	62	70	67	58	58	55	54	64	58	56	56	49	50	56	67	65	75	72	68	55	54	61.6		
	MIN	38	36	43	58	63	58	43	37	32	27	40	42	52	42	44	33	34	44	44	40	43	41	42	39	31	38	54	55	40	41	43	42.5		
OWENSBORO 2 W	MAX	47	63	61	66	69	75	66	60	51	51	68	66	68	53	62	54	54	63	56	50	54	49	46	47	65	63	75	67	56	60	54	59.3		
	MIN	37	33	41	56	60	57	41	35	31	29	40	44	51	40	39	30	29	39	41	41	48	44	40	38	32	42	55	48	37	40	40	41.2		
PAOUCAH FAA AIRPORT	MAX	50	63	63	70	73	71	67	61	48	53	67	60	62	57	56	52	52	62	47	52	47	48	47	52	65	64	73	66	54	55	47	58.2		
	MIN	37	35	46	63	61	47	43	33	50	27	42	52	63	41	42	33	34	45	42	41	43	42	40	38	31	43	55	44	40	40	36	41.6		
PAOUCAH	MAX	52	65	62	70	72	74	72	64	50	55	70	68	64	58	57	57	54	65	57	56	52	49	49	55	65	64	76	72	63	57	58	61.4		
	MIN	36	36	44	57	62	57	43	38	33	30	45	49	50	42	45	33	34	46	42	42	44	43	43	41	31	43	54	52	40	40	42	43.1		
PARADISE STEAM PLANT	MAX	43	47	64	64	67	71	77	65	58	47	55	70	62	70	53	62	56	55	65	49	57	57	51	49	48	66	71	76	69	62	65	60.4		
	MIN	38	30	34	45	57	59	43	44	32	29	34	44	51	42	37	32	31	33	44	42	44	39	40	39	32	34	34	50	36	41	42	39.7		
PIKEVILLE	MAX	44	62	70	72	79	76	72	75																										

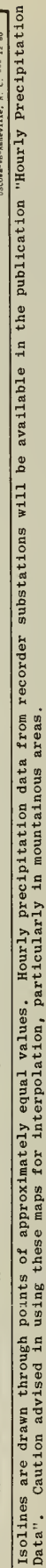
SNOWFALL AND SNOW ON GROUND

KENTUCKY
MARCH 1961

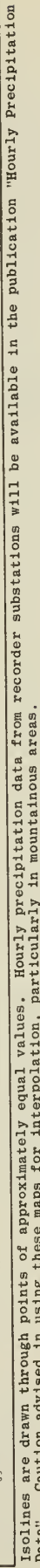
Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BARDSTOWN S J PREP SCH	SNOWFALL SN ON GND									-																						
BENHAM	SNOWFALL SN ON GND									2.0 2	2.0 2	1	T												T							
BEREA COLLEGE	SNOWFALL SN ON GND									T T																						
CAMPBELLSVILLE	SNOWFALL SN ON GND									.5																						
COVINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	T							T	1.4 1	T T								T										T		T	
CYNTHIANA	SNOWFALL SN ON GND	2.0								T T	T T																					
DANVILLE	SNOWFALL SN ON GND									.3 T	T T																					
DEWEY DAM	SNOWFALL SN ON GND									-																						
FARMERS	SNOWFALL SN ON GND									.5 T	T T																					
FORDS FERRY DAM 50	SNOWFALL SN ON GND									T																						
HENDERSON 7 SSW	SNOWFALL SN ON GND								T T																							
IRVINGTON	SNOWFALL SN ON GND									.5																						
LEXINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	T							T T	T T																						
LONDON FAA AIRPORT	SNOWFALL SN ON GND								T	1.0 T																						
LOUISVILLE WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	T							T	T						T															T	.4
MAMMOTH CAVE PARK	SNOWFALL SN ON GND									.4																						
MAYSVILLE DAM 33	SNOWFALL SN ON GND									- T																						
MIDDLESBORO	SNOWFALL SN ON GND									.4 T	.6																					
MILLERSTOWN	SNOWFALL SN ON GND									.5 1																						
MONTICELLO	SNOWFALL SN ON GND									.5																						
OWENSBORO 2 W	SNOWFALL SN ON GND									T T																						
PIKEVILLE	SNOWFALL SN ON GND									T T	T T																					
SOMERSET 1 N	SNOWFALL SN ON GND									T																						
SUMMER SHADE	SNOWFALL SN ON GND									1.0																						
WILLIAMSTOWN 5 WSW	SNOWFALL SN ON GND	- T	T T							- 1	- T																					

See reference notes following Station Index.

KENTUCKY
MARCH 1961



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STATION INDEX

KENTUCKY
MARCH 1961

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES					OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES					OBSERVER	
							TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTE)	TEMP.									PRECIP.	EVAP.	SPECIAL (SEE NOTE)				
ADDISON DAM 45	0031	BRECKINRIDGE	7 37 55	86 34	380	6A	6A	C					CORPS OF ENGINEERS	LITTLE HICKMAN LOCK 8	4825	JESSAMINE	4 37 45	84 35	521	7A	7A	C	CORPS OF ENGINEERS			
ALBANY & N	0063	CLINTON	2 36 45	85 08	1000	7A							MRS. BARBARA M. COOL	LOCKPORT LOCK 2	4857	HENRY	4 38 26	84 58	485	6A	6A	C	CORPS OF ENGINEERS			
ANCHORAGE	0155	JEFFERSON	7 38 16	85 31	700	7P	7P						CHARLES G. BARRETT	LOGGICK 1 S	4882	CLARK	4 37 51	84 02	773				C	HUBERT BURGER		
ASHLAND DAM 29	0254	BOYD	7 38 27	82 36	551	6P	6P						CORPS OF ENGINEERS	LONDON	4893	LAUREL	2 37 08	84 04	1195						C	KNOXVILLE FERTILIZER CO
BARBOURVILLE	0381	KNOX	2 36 52	83 33	1000	6P	6P						UNION COLLEGE	LONDON FFA AIR	4898	LAUREL	2 37 05	84 05	1191	MID	MID				C	FED. AVIATION AGENCY
BARDSTOWN S J PREP SCH	0397	NELSON	8 37 48	85 28	631	5P	5P						H ST. JOSEPH PREP. SCHOOL	LOUISA 2	4944	LAWRENCE	1 38 07	82 36	585	8A	8A				C	HAROLD C. FERGUSON
BATEE	0450	HARLAN	2 36 51	83 20	1184	7A	7A						C H. HOMER NOLAN	LOUISVILLE	4949	JEFFERSON	7 38 14	85 48	482	MID	MID				C	LOUISVILLE G. & F. CO.
BEAVER DAM	0490	OHIO	3 37 25	86 52	441	6P	6P						H E. G. YOUNG	LOUISVILLE BONHAM FLD	4951	JEFFERSON	7 38 13	85 40	558						C	CORPS OF ENGINEERS
BENHAM	0595	HARLAN	2 36 58	82 57	1585	8A	8A						C. C. WHITEAKER	LOUISVILLE WB AP	4954	JEFFERSON	7 38 11	85 44	474	MID	MID				C	U.S. WEATHER BUREAU
BENTON	0611	MARSHALL	9 36 51	88 20	305	5P	5P						C H. JAMES H. MILLER	LOUISVILLE UPPER GAGE	4955	JEFFERSON	7 38 17	85 48	403	6A	6A				C	CORPS OF ENGINEERS
BENTON 2	0615	MARSHALL	9 36 51	88 20	305	5P	5P						RADIO STATION WCLB	LOVELACEVILLE	4967	BALLARD	6 36 58	86 50	370	5P	5P				C	BLAINE MALONE
BEEBA COLLEGE	0619	HARLAN	4 37 34	84 18	1070	6P	6P						C H. JAMES A. GROSSMAN	LUCAS	5002	BARREN	3 36 53	86 02	738						C	WILLARD E. FOSTER
BEEBA WATER WORKS	0624	MADISON	4 37 33	84 17	1010	7A	7A						MRS. LAURA B. GARRARD	MAIDSONVILLE 1 SE	5007	HOPKINS	3 37 19	87 29	439	5P	5P	7A	C	HOMER WELBORN, JR.		
BLAINE 1 W	0752	LAWRENCE	1 38 02	82 52	690	8A	8A						JOHN LEE BURTON	MIDDLEBORO STATE COLLEGE	5013	CLAY	3 37 16	87 29	439	6P	6P	7A	C	NATIONAL BUREAU OF SERVICE		
BONNIEVILLE	0854	HART	3 37 23	85 54	684	5P	5P						WAYNE D. BERRY	MANCHESTER 4 SE	5111	CLAY	4 37 06	83 43	850	6P	6P				C	NORA S. WHITE
BOWLING GREEN	0904	WARREN	3 37 00	86 26	536	7A	7A						JAMES R. EDWARDS	MARTIN 1 SSW	5171	FOLEY	1 37 33	82 45	655	7A	7A				C	JAMES D. EDECS
BOWLING GREEN SUBSTA	0907	WARREN	3 37 01	86 26	470	5A	5A						TV-639	MAYFIELD	5230	GRAVES	6 36 44	88 39	364	6P	6P	7A	C	MAYFIELD HUGHES & WTR. CO.		
BOWLING GREEN FFA AP	0909	WARREN	3 36 58	86 26	535	MID	MID						H. FLODGE SKAGGS	MAYSVILLE DAM 33	5233	MASON	7 38 38	84 16	615	7A	7A	C	CORPS OF ENGINEERS			
BRENT DAM 34	0978	CAMPBELL	4 38 41	85 11	480	4P	4P						MRS. BENNIE B. WHITE	MC KEE	5291	JACKSON	2 37 35	80 00	1000	8A	8A				C	MRS. MINNIE W. MORAN
BROWNSVILLE LOCK 6	1046	EDMONSON	3 37 12	86 16	405	7A	7A						ELORIDGE SKAGGS	MC KINNEYSBURG	5301	PENDLETON	5 38 36	84 62	622	7A	7A				C	RICHARD T. SYONOR
BUCKHORN	1080	PERRY	4 37 21	83 23	936								CORPS OF ENGINEERS	HETA	5370	PIKE	1 37 34	82 27	730	7A	7A				C	MRS. EDITH J. SMITH
BURDINE 2 NE	1120	PIKE	1 37 13	82 35	1443	8A	8A						EDWIN E. JOHNSON	HIDLESBORO	5381	REEL	2 36 37	83 43	1130	5P	5P	7A	C	MRS. LELA M. HERPELL		
BURKESVILLE	1137	CUMBERLAND	2 36 47	85 22	600	7A	7A						MARVIN M. LEE	MIDDLESBORO SEWAGE PL	5394	REEL	7 38 19	83 43	1130						C	BROF. HENRY C. HARRIS
CAZIO LOCK 2	1208	TRIGG	2 36 46	87 58	384	7A	7A						CORPS OF ENGINEERS	MIDWAY	5407	WOODFORD	4 38 09	84 41	789						C	CITY OF MIDWAY
CALHOUN LOCK 2	1227	MC LEAN	3 37 32	87 16	402	7A	7A						CORPS OF ENGINEERS	MILLERSBURG	5430	BOURBON	5 38 18	84 09	841						C	CITY WATER WORKS
CAMPBELLVILLE	1256	TAYLOR	3 37 20	85 21	771	6P	6P						H. ALVA MC KINLEY	HILLERSTOWN	5438	GRAYSON	3 37 27	86 03	598	7A	7A				C	H. OVA M. LAWLER
CANEYVILLE	1294	GRAYSON	3 37 25	86 30	600	7A	7A						G. V. COX SR.	MONTICELLO	5524	WAYNE	2 36 50	86 00	928	7A	7A				C	ELVIN L. BERTRAM
CARRROLL LOCK 1	1343	CARRROLL	4 38 41	85 11	480	4P	4P						CORPS OF ENGINEERS	MONTICELLO STATE COLLEGE	5525	ROWAN	3 37 29	86 12	899	6P	6P	7A	C	GEORGE E. DUNAL		
CECILIA	1406	HARDIN	8 37 40	85 57	734	7A	7A						WILLIAM S. VERTREES	MOUNT STERLING	5640	MONTGOMERY	5 38 04	83 56	930	5P	5P				C	FRED CARTMILL
CLAY CITY 1 WNW	1576	POWELL	4 37 52	83 56	712	7A	7A						JOEL M. MOUNTZ	MOUNT VERNON	5648	ROCKCASTLE	2 37 21	84 20	1137	5P	5P				C	CITY OF MT. VERNON
CLERMONT 1 SSE	1611	BULLITT	8 37 55	85 40	540	5P	5P						BERNHARD FOUNDATION	MUNFORDVILLE	5694	CARTER	3 37 16	85 53	624	7A	7A				C	SHERMAN C. PUCKETT
CLINTON	1633	HICKMAN	6 36 41	89 00	300	9P	9P						WOODSON D. FRANKLIN	MURRAY	5698	CALLOWAY	9 38 36	88 20	622	6P	6P	7A	C	H. MURRAY STATE COLLEGE		
COBB	1663	CALDWELL	2 36 49	87 47	490	7A	7A						MRS. BENNIE B. WHITE	OLNEY	6013	HARTER	7 38 19	83 12	899						C	GEORGE E. DUNAL
COLLEGE HILL LOCK 11	1704	ESTILL	4 37 47	84 06	611	7A	7A						CORPS OF ENGINEERS	OLNEY	6020	HOPKINS	7 37 14	87 47	533	8A	8A				C	MELVIE BARLEE NEISZ
COVINGTON WB AIRPORT	1855	BOONE	7 39 04	84 40	869	MID	MID						C H. J. J. WEATHER BUREAU	ONEIDA	6028	CLAY	4 37 16	83 77	537	8A	8A				C	MRS. ANNA L. BROWN
CUMBERLAND FALLS ST PK	1969	WHITLEY	2 36 50	84 19	1070	5P	5P						KY. DEPT. OF CONSV.	ONEIDA DAM 35	6031	CAMPBELL	7 38 58	84 18	912	7A	7A				C	CORPS OF ENGINEERS
CYNTHIANA	1998	HARRISON	5 38 23	84 17	684	7A	7A						H. MARSHALL HELL	ONEIDA DAM 46	6031	DAVIES	8 37 46	87 08	920	6P	6P				C	VERNO
CYNTHIANA 2	2003	HARRISON	5 38 23	84 17	719	8A	8A						KY. CAROLINA DAIRY	ONEIDA DAM 46	6036	OLIVESS	7 37 47	87 08	920	6P	6P				C	CORPS OF ENGINEERS
DANVILLE	2040	BOYLE	4 37 39	84 48	955	7A	7A						H. R. P. COLOIRON	PAUCAN FFA AIRPORT	6110	MC CRACKEN	7 37 06	88 46	398	MID	MID				C	FED. AVIATION AGENCY
DAVELLA	2053	MARTIN	1 37 48	82 32	718								MRS. EVA M. DAVIS	PAUCAN	6113	MC CRACKEN	7 37 06	88 46	398	MID	MID				C	U.S. WEATHER BUREAU
DELPHIA 1 E	2132	PERRY	4 37 02	83 07	1447	6P	6P						BALLARD F. WALKER, JR.	PAUCAN SEWAGE PLANT	6117	MC CRACKEN	7 37 06	88 46	398	5P	5P				C	CITY OF PAUCAN
DEMA	2159	KNOX	1 37 25	82 48	850								HATTIE B. BARNEY	PAINTSVILLE	6136	JOHNSON	1 37 49	82 48	620	7A	7A				C	JESSE FAIRCHILD
DEWEY DAM	2180	FLOYD	1 37 45	82 47	653	7A	7A						CORPS OF ENGINEERS	PARADISE STEAM PLANT	6155	MULLENBERG	9 37 16	86 59	402	7A	7A				C	TV-76A
DIX DAM	2214	MERCER	4 37 48	84 43	870	4P	4P						PHILLIP D. THACKER	PIKEVILLE	6353	PIKE	1 37 29	82 51	686	5P	5P				C	U.S. WEATHER BUREAU
DUNDEE 2 SE	2368	MULLENBERG	7 37 33	85 43	631	7A	7A						JESSE L. HUFF	PIKEVILLE	6354	RELL	1 37 29	82 51	686	5P	5P				C	U.S. WEATHER BUREAU
DUNNOR	2386	MULLENBERG	7 37 05	87 05	952	7A	7A						H. D. GIVENS	PRINCETON	6575	CALDWELL	2 37 06	87 53	529	5P	5P				C	WILTON W. MARVELL
DYER	2391	BRECKINRIDGE	3 37 43	86 11	793	7A	7A						L. LENA BLAIR	RAVENNA LOCK 12	6679	ESTILL	4 37 40	83 57	634	7A	7A				C	CORPS OF ENGINEERS
EDDYVILLE LOCK F	2445	LYON	2 37 03	88 05	420	7A	7A						CORPS OF ENGINEERS	RICHMOND	6805	MADISON	4 37 44	84 18	1122	8A	8A				C	THOMAS C. HERNDON
EDMONTON	2487	METCALFE	2 37 00	87 37	865	7A	7A						CORPS OF ENGINEERS	ROCHESTER LOCK 3	6882	OHIO	3 37 13	86 54	401	7A	7A				C	CORPS OF ENGINEERS
ELIZABETHTOWN	2510	HARDIN	3 37 41	85 52	739	6P	6P						RADIO STATION WIEL	RUSSELLVILLE	7049	LOGAN	3 36 51	86 53	590	6P	6P	7A	C	MRS. HILDA L. COX		
ELKHORN CITY	2528	PIKE	1 37 18	82 21	806	7A	7A						EDMOND O. BENNETT	RUSSELLVILLE SUBSTA	7054	LOGAN	3 36 50	86 54	576	7A	7A				C	TV-683
ELYTON 2 S	2548	TODD</																								

1.05
KE

U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

APRIL 1961
Volume 56 No. 4



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KENTUCKY - APRIL 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 91° on the 24th at Inez and Pikeville

Lowest Temperature: 21° on the 2nd at Williamstown 5 WSW

Greatest Total Precipitation: 10.20 inches at Princeton

Least Total Precipitation: 2.81 inches at Covington WB Airport

Greatest One-Day Precipitation: 2.22 inches on the 10th at Monticello

Greatest Reported Total Snowfall: 4.0 inches at Danville

Greatest Reported Depth of Snow on Ground: 3 inches on the 3rd at
Danville

KENTUCKY
APRIL 1961

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

KENTUCKY
APRIL 1961

CONTINUED

CONTINUED

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max		Min.						Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
										80° or Above	32° or Below	32° or Below	Free or Below										
MIDDLESBORO	63.8	39.6	51.7		81	24	24	8	408	0	0	10	0	5.54		1.40	1	T	0		8	4	2
MONTICELLO	62.7	40.2	51.5		80	24	24	8	425	0	0	9	0	6.02		2.22	10	.0	0		8	4	2
MOUNT VERNON	62.0	40.7	51.4		83	24	24	7	423	0	0	8	0	4.63		.95	26	T	T	3	10	5	0
PIKEVILLE	64.1	41.6	52.9		91	24	30	7	375	1	0	5	0	5.46	2.09	.99	26	T	T	3	12	4	0
SOMERSET 1 N	61.6	38.6	50.1		79	24	23	8	456	0	0	14	0	4.31		1.06	9	T	T	3+	8	3	1
VANCEBURG DAM 32	61.2	38.4	49.8		84	24	26	2	461	0	0	9	0	4.91	1.20	1.42	1	T	0		10	5	1
WEST LIBERTY	59.6	35.5	47.6		88	25	23	8	527	0	0	15	0	4.71		1.39	1	T	0		10	3	1
WILLIAMSBURG 2	63.7	38.2	51.0	- 6.5	89	25	26	8	439	0	0	12	0	3.79	.12	1.08	10	.0	0		7	3	1
DIVISION			50.1	- 6.5										5.04	1.46			.4					

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
COVINGTON WB AIRPORT	WNW	12	12.3	43	WSW	16	71	77	58	57	5	7	6	2	0	0	20	-	8.6
LEXINGTON WB AIRPORT	WNW	12	13.4	-	-	-	78	85	61	63	3	9	3	2	2	0	19	-	7.5
LOUISVILLE WB AIRPORT	WNW	15	9.9	43	W	25	77	82	62	59	4	6	3	5	0	0	18	37	7.3

DAILY PRECIPITATION

KENTUCKY
APRIL 1961

Total	Day of Month																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
4.78	.58		.05							.42	.42	.47	.45	.08	.63		.02					.07	.37	.27	T		.38		.04		.03	
4.78	.79		.03			.08				.146	.60	.60	.51	.06	.51							.05	.17	1.14		.18			.04		T	
6.67	.62									1.99	.14	.81	.06	.80	.30	.06						.36	.23	.06	.13	T	.23			.09		
4.16	1.10	.11	T							.19	.31	T		.63	.08							.12	.03		.13	T	.23			.10		
4.93	.62		.10			.12	.10			.62	.30	.78	.28									.12	.03			T	.88					
5.94	1.09	.51								.84	.25	.58	.08	.45	.22	.04						.73	.17	.28		.70						
4.99	.80	.11	T		.24					T	.91	.25	.98	.02								T	.10	.07		.50		.07				
4.40	.44	.04			.02					.59		.89		.78	.08							.58	.25			.48	.20		.06	.02		
6.41	.64	T	.39	.01	T	.20				1.03	.01	.77	.91	.06				.06	.03				.20	.31	.30		.29					
-	1.18		.25	.60						.75		1.15																				
4.98	.63	.37			.02					.79	.32	.44	.17	.30	.35		.03					.12	.66			.69			.08	.06	.09	
5.42	1.30	.02	.37	.05	T					.28	.63	.02	.10	.36	.02	.30						T	.16	.46			.76			.15		
4.37	1.28					T				.29	.36	.10	.63	.06	.74	.05	.09						.16	.09			.37		.03	.15		
-	-	-	-	-	-	-	-	-	-																	.35						
5.70	.53	.12	.03	.11						.47	.75	.76	.32		.42	.95							.25	.10		T	.85				.04	
5.16	.40	T	.18			.16				.40	.70	.88	.07	T	.35	.76							.25	.06	T	T	.95	T				
5.01	.02	.06	.04	.12						.12	.70	.88	.07	T	.35	.76						.26	.13		T	1.01			.19	.12	.53	
4.05	.30									T	.15	.82	.01	.93	1.01	.07	.02	T	.23	T		.15	.12	.10	.01		.37					
5.45	.80	.15			.04					.33	.70	.88	.07	T	.35	.76							.31	.18			1.20					
5.05	.55	.30	.05	.25						.65	.12	.78	.10		.20	.30	.15								.85		.70			.05		
4.59	.48	T	.07	T	.12					.13	.92	T	.75	.21	T	.25	1.03	T					.12	T			.51	T				
4.77	.40	.22			.22					.41	.18	.84	.59	.25	.73							.05	.31	.23			.34		.03		.04	
5.81	1.05	.16	.01	.04						.34	.32	.44	.58	.24	.62							.04	1.04	.20			.66					
5.53	.53	T	.66	T	.02					.80	.34	.78	.04	.34	.11	T						.10	.08	.56		1.10		.04		.03		
5.08	.49	.13	T	.08						.38	.62	.66	.38	.57	.47							.02	.31				.90		.05	.02		
4.32	.40									.39	.47	.20	.55	.10	.35	T	.13					.02	.58	.69	T		.34		.10			
5.80	1.24	.53		.02						.50	.36	.43	.41	.31	.37	.05	.01					.12	.04			.27	.54		.18		.01	
5.98	1.10	.09								.22	.49	.20	.16	.88			.05	.03					.19	1.20	.20		.90		.05	.11		
7.37	.88	.58								.78	.17	.95	.05	.11	1.01	.04						.74	.24	.70	T	1.07		.05			.06	
5.64	.35	.31		.12						.33	.15	.68	.52	.53	.78								.71	.18			.94					
5.54	.90	.12	T	T	T					.25	.58	.13	.35	.03	.14	.62	T	.03	T				.16	.05	.18		.83		.08	.09		
2.81	.11		T	T	T		T			.71	.07	.83	.08	.10	.08	.06	.01					.17	.10	.03	T	.27	.54		.18		.01	
3.83	.57	.10		.08	.08					.65	.35	.62	.29	.04	.27							.12	.04			.27	.54		T	.01	.08	
6.00	1.03									.35	1.06	.01	T	.97	.01	T	.16					.05	.34	.36	.07		.75		*	.07		
6.17	.93	.03		.10						.35	.50	.47	.26	.82	.04	.06	.80	.04	.13													
5.94	1.38	.50	.01	T						.23	.87	.03	.38	.80	.10	.40	T	.01				.19	.11	.25		.75		.12		.58		
3.36	.28	.10		.22						.11	.01	.67	.21	.10	.76	.61	T	.07	.04				.07	.24	.35		.85		.20		.08	
4.97	1.18	T			.03					.30	.73	T	.47	.36	.14	.47	T	.03				.11	.22	.67	.23		.87		.20			
6.14	1.03	.28								.34	.36	.67	.30	.26	.70							.10	.50	.22		.90		.20		.05		
5.34	.51	.40	.10							.47	.34	.88	.24	.44	.59		.20					.12	.50			.73		.05			.09	
10.86	.66	.44								.43	.24	T	.88	.56	.46	.87						.15	.87	.36			.53					
4.79	.91	.34	.10	.10						.15	.70	.81	.21	.13	.35								.10	.15			.68		.30			
4.20	.72	.10								.76	.12	.80	T	.34	.37							.42	.30									
5.38	.94	T	.44	T						.15	.31		.65	.25	.62								.36	.52	.35	.25	.87		.20			
5.11	.34	.22		.35																												
5.53	.33	.21	T	.17						.42	.45	.96	.25	.75	.62	T						.62	.09		T	.62		.04		.02		
4.79	.62									.36	1.16	T	.76	T	.65	T	.14					.02	.32	.19	T	.51		.04		.02		
4.85	1.29		T	.03						.23	.70	.05	.02	.40	.02	T	.11	.03				.09	.08	.17	.04	T	.60		.03		.07	
5.79	1.10									.45	.80	.03	T	.56	T	.115	T	.07	T			.03	.63	.07	.15	T	.72		.04		.03	
4.58	1.02	T								.66	.50	.32	.06	.11	.93	.03						.30	.05	.11	T	.45					T	
7.13	1.42	.09	.02	T						.31	.67	T	.16	.59	T	.85	T	.05	.04				.24	1.43	.35	T	.91		T			
5.68	.53	.18	.02	.05						.48	.22	.56	.50	.82								.12	1.35	.30		.55		.05		.08		
6.74	.95									.37	.93	T	.23	.78	.02	.44	T	.04				.12	1.35	.30		.55		.05		.08		
4.61	.53		T	.25						.14	.67	.83	.21	.20	.67							.76				.35						
5.23	.84	.02	.10	.02	.17					.02	.40	.05	.21	.65	.13							.02	.21	.16	.27	1.19			.02			
5.97	.99	.16	.03	.02						.31	.55	.06	.03	.59	.18	.83	.03	.10	.01			.13	.27	.71		.75		.22		.04		
4.80	.80	.07		.11						.30	.59	T	.93	.27	.34	.49	T					.09	.12	.63	.09	1.25		.12				
6.12	1.02																															

DAILY PRECIPITATION

KENTUCKY
APRIL 1961

Continued

Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ONEONTA DAM 35	4.42	.40							T	.20	.77	.10		.95	.02	.05	.62	T	.22	.02		T	.13	.26	T		.58		.07	.03			
OWENSBORO 2 W	6.05	1.02		.40						.35	.55	.86		.35	.03	.70						.92	.23	.30			.28		.06				
OWENSBORO DAM 46	6.12	.80		.35	.03					.32	.61	.45		.69	.05	.71							1.32	.33			.41		.02				
PAUCAM FAA AIRPORT	5.97		.31	.03		.10	.02			.39	.64	.23	1.08		.95							.72	.44				.85					.23	
PAUCAM	6.04	1.28		.22						.16	.73		1.12		.96	T						.47	.20				.90						
PAINTSVILLE	4.30	1.05	.02	T						.31	.30	.03	.02	.71	.07		.62	T	.07	.06			.04	.03	.44		.38			.15			
PARADISE STEAM PLANT	5.71	.30		.18			.09			.35	.52	.61	.50		.35	.77							.75	.15			1.14						
PIKEVILLE	5.46	.43		.18		.09				.25	.19	.65	.47	.21	.55	.03	.06	T				.25	.87				.99	.19	.01		.04		
PINEVILLE	6.49	1.39	.02	.10	T		.40			1.09	.01	.08	1.05	.04		1.40	.03					* 2.39	T				.77		.03				
PRINCETON	10.20	.50		.85		.15				.08	.45	.12	2.32		1.65	.20	.01					*2.39	T			.03	1.30	.01		.01	.13		
RAVENNA LOCK 12	4.61	.80		.18						*.67	.10	.25	.11	.47									1.25	.11			.67		T				
RICHMOND	6.67	1.40		.20	T		.01			.25	.73	.10	.15	.04	.02	.26	.75	.02	.03	.02			.25	1.52	.02		.65		.14	.11			
ROCHESTER LOCK 3	5.73	.38		.16	T		.08			.40	.53	T	.51	.34		.48	.73						.87	.22			.99				.04		
RUSSELLVILLE	6.25	.34		.20		.41				.38	.58	.94	.22	.54		.52		T					1.01	.10			.98				.03		
RUSSELLVILLE SUBSTA	6.26	.32		.33		.18				.42	.60	1.10	.10	.02	.53	.55		.01				.01	1.02	.10			.95				.02		
SALVISA LOCK 6	6.21	1.38		.12	.01	T				.28	.99	.02	.24	.72		.06	.47		.01				.33	.44	.43	T	.66		.05				
SALYERSVILLE 2 SE	4.70	1.23		.04	.03					.20	.42	.11	.55		.73					.10			.08	.32	.33		.56						
SCOTTSVILLE	5.02			.66		.13				.63	.33	1.13		.63	.22							.49	.12				.27				.41		
SCOTTSVILLE 2 SW	4.36	.58		.07	T		.10			.25	.54	.95	.20	.12	.68			T				.55	.05				.27						
SEBREE	5.60	T	T							.85		1.20		.40				T				1.20	.35			1.35			T	.25			
SHAWNEE STEAM PLANT	5.67	.80		.31	T		.08			.49	.29	.53	.73	.03	1.05		T					.08	.20	.33			.75						
SHELBYVILLE	6.22	.87		T	T					.36	.80	T	.35	.62	.07	.55	T	.04				.05	.27	1.51	.04		.58		.11				
SHEPHERDSTOWN	5.30	.75		.40						.45	.50	.42	.45	.15	.50							.23	.90				.45		.05				
SOMERSET 1 N	4.31	.63		.18			.04	.02		1.06	.44	.48	.06	.12	.45	.02	.05					.08	.04	.06			.63						
SPRINGFIELD	5.33	.70	T	.57	T					.40	.85	.55	T	.21	.60							.12	.24				.95		.14				
STEARNS	3.90	.70		.10			.10			1.01		.20	.62		.33								.10				.74						
SUMMER SHADE	4.16	.54		.13		.10	T	.10		.79	.08	1.16	.26	.14	.01								.07	T			.55					.19	
SUMMER SHADE SUBSTA	3.92	.28		.13	T		.10			.15	.80	.74	.44	.01	.08	.30						.14	.14	.07			.64						
TAYLORSVILLE	7.27	.78					.10			.15	.85	.30	.47	.10	.53							.05	.40	2.06	.06		1.46		.06				
TURKEY CREEK SCHOOL	4.13	.48		.21	.01		.21			.41	.18	.07	.38	.32	.74							.15	.13	.33			.49				.02		
TYRONE LOCK 5	6.50	1.13		.03	T					.33	.91	.25	.64	.05	.40	T	.04	T					.56	.98	.31		.82		.02	.03			
UNIONTOWN DAM 49	5.01	.38		.31	.01		.02			.55	.27	.47	.76		.81								.11	1.05	T		.25		.02		T		
VALLEY VIEW LOCK 9	7.03	1.28		.11	.01	T				.29	.80	T	.32	.71	.17	.96	T	.01	T			T	.33	.76	.11	T	1.00		.11	.06			
VANBUREN	5.86	.82		.11						.26	.68	.18	.62	.05	.48	.04						.46	.39	.89			.88						
VANCEBURG DAM 32	4.91	1.42								.23	.60	.06	T	.61	.10	.58	.01	.13	.01				.30	.19	T		.80			.07			
WARSAW MARKLAND DAM	4.29	.44								.32	.52	.07	1.18	.11	.48	T	.22	.01					.35	.16			.28		.15	T			
WAYNESBURG 7 NE	5.01	1.08		.63	T					.24	.77	.04	.27	.48	T	.24							.17	.18	.25	T		.70					
WEST LIBERTY	4.71	1.39	T	T	T		T			.30	.42	T	.06	.64	T	.60	T	.07	T								.44			.19			
WILLIAMSBURG 2	3.79	.62		.09			.32			1.08	.02	.10	.29	.02		.75							.09	.02	.02			.37					
WILLIAMSTOWN 5 WSW	5.80	.46								1.07	1.27	T	.21	.82	T	.09	.47	T	.10			.05	.41	.30	T		.47		.08	T			
WILLOW LOCK 13	4.62	.80		.18			.04			.28	.58	.02	.04	.60	.01	.13	.42						.05	.86	.06		.53						
WOLF CREEK DAM	4.38	.52		.08			.08			.08	1.09	.55	.37		.15	.47							.09	.08	.14		.68				T		
WOODBURY LOCK 4	5.31	.35		.18	.02		.08			.27	.51	.65	.54		.56	.50		.03				T		.47	.20		.90					.05	

See reference notes following Station Index.

DAILY TEMPERATURES

KENTUCKY
APRIL 1961

Station		Day Of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ADDISON OAM 45	MAX MIN	54 36	52 28	50 32	53 33	60 34	60 38	54 34	50 30	58 32	51 36	52 32	60 32	50 38	62 38	70 40	60 32	48 34	42 38	58 32	70 34	72 50	66 54	74 57	78 60	82 68	76 46	70 47	72 48	56 36	62 42	60.7 39.7		
ANCHORAGE	MAX MIN	50 33	47 23	54 35	61 30	58 40	54 34	52 25	56 26	50 38	48 36	57 26	53 39	52 37	68 34	62 45	46 31	44 35	52 36	64 31	73 40	66 55	70 51	75 55	82 63	78 60	65 46	71 45	58 43	60 31	68 46	59.9 39.0		
ASHLAND DAM 29	MAX MIN	52 32	46 30	44 38	52 34	64 32	57 40	50 30	55 29	50 38	49 39	58 32	59 44	52 38	66 36	70 46	60 33	44 34	48 32	55 31	63 29	59 49	69 49	78 54	88 56	85 68	80 51	72 44	70 43	54 39	68 34	60.6 39.5		
BARBOURVILLE	MAX MIN	54 35	53 33	48 34	54 30	62 32	55 42	55 27	60 24	58 42	54 37	65 28	64 43	52 37	70 30	70 40	50 33	52 34	50 38	62 30	72 32	74 58	74 48	78 58	86 63	75 68	67 50	67 41	62 31	45	63.3 40.0			
BARSTOWN 5 J PREP SCH	MAX MIN	51 32	49 24	49 30	60 28	61 38	54 35	53 26	57 25	53 38	51 35	58 25	56 42	53 36	70 32	70 56	58 30	45 36	55 33	64 28	77 39	74 54	70 57	78 57	81 61	78 62	75 45	71 47	67 47	62 31	47	62.2 39.3		
BAXTER	MAX MIN	62 36	48 27	51 33	47 30	51 40	61 38	55 27	53 29	60 40	56 44	65 29	65 30	60 37	44 33	69 40	73 35	50 31	53 38	46 33	60 30	60 32	71 49	65 53	73 57	74 54	84 60	74 54	70 47	68 47	66 33	62 34	60.5 36.8	
BEAVER OAM	MAX MIN	52 34	52 26	51 36	60 31	57 46	55 38	52 30	59 27	54 41	54 37	63 27	61 44	58 37	72 40	65 48	50 32	48 39	58 37	70 30	78 48	74 55	72 60	81 60	83 69	81 61	68 46	73 48	69 46	64 31	69 49	63.4 41.9		
BENHAM	MAX MIN	64 32	43 27	48 30	40 32	50 28	61 35	54 26	52 22	60 28	56 39	45 27	61 34	48 34	70 31	73 33	55 33	50 34	50 27	47 34	57 33	71 54	70 55	71 59	81 65	75 52	71 44	67 41	63 37	59 35	60.0 36.6			
BENTON 2	MAX MIN	54 34	57 26	48 39	57 36	57 45	56 36	56 37	58 41	58 46	63 41	63 48	63 48	54 36	44 34	46 35	61 34	74 43	75 35	72 40	75 43	72 55	72 58	77 68	85 68	82 68	75 50	70 50	68 50	64 35	61.1 40.8			
BEREA COLLEGE	MAX MIN	52 32	48 28	46 32	54 30	60 43	54 37	53 27	56 27	53 29	52 36	61 29	61 44	54 36	44 34	46 35	61 34	74 43	75 35	72 40	77 55	85 68	72 58	77 68	85 68	82 68	75 50	70 50	68 50	64 35	61.1 40.8			
BLAINE 1 W	MAX MIN	52 33	50 26	49 26	47 35	52 26	60 32	55 25	47 22	56 30	53 42	43 29	60 35	65 38	44 33	70 40	75 36	47 34	44 34	45 29	59 25	72 34	63 47	73 50	79 54	88 56	80 52	68 43	74 39	62 31	60 35	59.7 35.7		
BONNIEVILLE	MAX MIN																																68 41	61.8 41.4
BOWLING GREEN FAA AP	MAX MIN	53 34	54 28	48 36	60 35	59 44	55 40	54 33	55 29	59 41	48 34	63 29	55 42	55 40	70 39	66 35	49 34	47 37	54 35	68 35	76 45	64 57	71 58	80 63	80 66	77 54	66 48	72 52	63 43	66 49	61.8 41.4			
CAMPBELLVILLE	MAX MIN	52 33	50 27	47 33	58 30	61 42	53 37	52 28	59 28	56 41	53 36	64 28	61 45	50 36	71 35	70 45	58 33	46 38	53 38	67 31	76 43	70 56	68 58	78 60	79 68	77 66	74 47	72 50	66 46	61 33	65 48	62.2 41.6		
CARROLLTON LOCK 1	MAX MIN	53 33	49 24	56 36	60 35	62 42	56 36	27 27	27 36	54 33	46 37	56 27	56 42	53 37	65 33	65 45	63 32	45 34	51 36	62 35	68 54	68 59	67 52	75 53	81 59	80 64	67 48	71 44	61 35	68 43	61.2 39.7			
CECILIA	MAX MIN	44 32	50 24	48 30	49 31	58 33	58 35	51 27	50 26	56 30	43 36	57 25	57 30	52 30	62 25	68 30	66 36	45 32	40 38	54 32	65 38	73 37	61 30	70 34	75 45	80 56	76 60	64 67	70 44	59 32	62 37	58.5 38.5		
CLERMONT 1 SSE	MAX MIN	52 33	52 26	50 32	60 29	62 39	59 37	56 25	55 24	58 40	51 37	58 26	59 44	52 38	71 33	70 53	67 38	48 33	55 39	65 30	76 39	77 55	68 57	76 57	83 69	82 69	77 45	72 47	75 43	63 31	69 46	63.9 40.4		
COVINGTON W8 AIRPORT	MAX MIN	48 33	42 23	52 36	56 35	59 40	48 36	47 29	54 32	45 36	44 35	57 32	49 41	50 36	63 38	65 51	52 30	42 33	47 35	59 37	69 40	63 56	66 54	72 49	81 64	76 52	62 48	68 47	54 41	66 36	66 43	56.9 39.9		
CYNTHIANA 2	MAX MIN	45 32	50 24	45 27	53 36	56 60	62 34	54 25	50 22	56 40	48 33	41 26	58 33	57 30	65 33	70 32	45 31	40 31	40 31	47 32	61 29	69 32	62 50	67 54	75 55	80 64	77 45	64 46	70 42	60 32	59 37	57.9 35.1		
OANVILLE	MAX MIN	47 32	49 26	47 26	45 32	57 35	60 37	53 30	50 28	56 40	51 36	40 29	59 29	59 36	48 32	69 34	70 30	47 30	40 36	48 33	62 35	73 59	62 55	69 59	75 59	81 65	75 46	64 45	70 45	60 35	60 37	58.2 37.4		
OEWEY OAM	MAX MIN	54 34	54 33	48 28	49 31	51 27	60 30	54 27	47 23	58 34	57 45	61 24	58 24	65 38	61 35	70 34	77 37	52 37	47 35	73 34	63 28	76 31	77 49	77 53	80 60	80 54	68 43	71 41	61 30	58 35	60.6 36.3			
OIX OAM	MAX MIN	50 32	51 26	46 32	57 34	59 36	55 36	53 30	56 27	54 39	49 36	58 27	61 39	56 37	66 33	71 53	71 33	45 38	40 36	61 33	71 38	71 36	70 35	75 40	80 55	79 65	75 46	70 40	60 36	64 46	61.7 40.8			
ELIZABETHTOWN	MAX MIN	51 32	48 24	50 32	57 27	60 42	53 38	53 26	56 25	53 40	51 37	59 26	57 43	52 38	70 33	68 50	62 33	45 39	54 37	66 29	75 45	72 54	70 55	77 58	79 68	78 68	74 50	71 51	65 42	67 31	64 48	61.9 40.4		
FALMOUTH	MAX MIN	52 32	48 25	55 30	57 35	62 31	53 33	55 25	51 25	51 33	45 37	59 27	59 42	50 38	65 28	65 41	66 32	44 33	48 36	62 31	69 30	66 55	67 50	75 52	83 58	79 68	70 48	71 44	66 42	59 33	66 39	60.7 37.8		
FARMERS	MAX MIN	50 32	48 29	46 29	51 35	61 35	56 40	56 30	57 25	55 34	50 38	59 28	60 44	55 37	68 29	72 44	60 37	45 34	46 38	60 30	72 48	71 52	70 48	77 53	86 63	86 64	77 49	71 43	70 38	59 38	65 34	62.0 37.9		
FLEMINGSBURG 2	MAX MIN	48 32	46 25	50 32	51 34	60 34	52 33	50 25	53 26	47 34	47 35	59 28	58 44	50 36	64 34	72 51	65 32	42 35	46 38	60 30	70 48	62 52	68 54	75 63	80 64	75 64	70 46	70 45	62 42	59 32	63 38	59.1 38.3		
FOROS FERRY OAM 50	MAX MIN	53 38	54 27	52 38	61 36	56 43	55 37	50 33	57 34	52 38	52 37	63 32	49 43	58 40	74 41	59 33	50 34	48 37	59 35	72 41	80 53	71 58	77 54	79 64	80 64	82 49	65 48	70 47	57 40	66 36	69 52	62.3 41.7		
FRANKFORT LOCK 4	MAX MIN	46 34	50 26	47 26	54 35	60 38	59 38	59 30	52 27	56 28	49 38	43 29	55 30	57 38	50 30	68 31	69 33	45 31	41 33	50 33	68 35	70 39	64 51	69 55	75 56	81 68	76 48	66 48	72 44	59 37	6			

DAILY TEMPERATURES

KENTUCKY
APRIL 1961

Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HYOEN	MAX MIN							57	55	60	60	45	66	67	45	74	75	51	50	45	63	76	65	75	78	90		70	72	65	65	63.9 36.3	
INEZ	MAX MIN	55	49	46	53	61	56	54	59	57	52	62	62	53	71	80	79	49	46	63	76	74	76	83	91	90	79	73	68	60	64	64.7 38.0	
IRVINGTON	MAX MIN	52	49	52	60	60	56	55	58	52	49	58	55	56	70	67	49	44	56	68	77	71	71	79	82	78	68	74	59	65	69	62.0 40.6	
JACKSON	MAX MIN																																
LEITCHFIELD	MAX MIN	52	50	50	59	59	53	53	56	53	52	60	56	54	71	67	47	45	55	67	77	72	70	80	81	78	66	72	63	62	67	61.6 41.0	
LEXINGTON W8 AIRPORT	MAX MIN	47	45	50	56	57	52	47	53	48	48	55	58	48	67	69	44	42	48	60	69	62	67	74	79	73	63	70	59	59	64	57.8 39.5	
LONDON FAA AIRPORT	MAX MIN	49	47	39	52	60	52	50	56	53	49	61	58	47	68	75	48	46	47	63	71	64	72	75	84	75	65	72	64	59	64	59.5 38.2	
LOUISVILLE	MAX MIN	52	48	56	62	60	56	53	57	50	46	59	52	55	74	61	51	46	56	66	77	66	72	80	84	80	65	70	59	63	70	61.5 41.8	
LOUISVILLE W8 AP	MAX MIN	50	46	52	59	58	53	51	55	48	45	56	53	53	68	61	44	44	53	63	73	66	71	77	81	78	63	69	57	60	67	59.1 39.3	
LOVELACEVILLE	MAX MIN	53	54	50	60	53	59	58	51	54	55	65	60	57	70	64	52	52	63	73	81	71	78	79	78	82	67	73	67	65	72	63.9 42.1	
MAOISONVILLE 1 SE	MAX MIN	53	53	55	62	57	55	54	56	54	52	63	61	59	74	72	49	49	61	70	79	76	73	80	81	79	65	72	69	65	69	63.9 41.8	
MAMMOTH CAVE PARK	MAX MIN	55	52	50	60	60	55	55	57	57	56	63	60	53	71	71	61	58	56	68	78	75	69	82	83	80	75	76	73	65	67	64.7 41.4	
MANCHESTER 4 SE	MAX MIN	53	50	45	52	65	55	54	57	58	56	65	65	55	70	75	59	50	66	62	73	67	75	78	88	83	75	75	70	61	65	63.4 38.7	
MAYFIELD	MAX MIN	55	52	51	61	55	58	54	51	55	56	63	63	55	72	65	51	52	62	72	80	76	75	78	79	80	68	72	65	66	78	64.0 43.1	
MAYSVILLE OAM 33	MAX MIN	45	49	44	52	52	61	51	47	54	48	41	58	56	47	62	70	45	41	46	57	70	61	69	75	82	79	63	69	59	57	57.0 36.4	
MIOOLESBORO	MAX MIN	63	54	53	54	62	57	56	61	58	52	64	63	54	68	76	59	56	51	63	71	69	74	75	81	79	74	70	69	65	64	63.8 39.6	
MONTICELLO	MAX MIN	54	51	47	57	60	54	52	58	58	55	64	62	48	69	75	59	49	51	63	76	71	72	79	80	76	74	74	65	61	66	62.7 40.2	
MOUNT STERLING	MAX MIN	48	48	46	53	60	56	52	55	53	48	58	57	52	67	73	72	41	46	60	70	70	68	75	83	81	75	71	69	59	64	61.0 40.0	
MOUNT VERNON	MAX MIN	49	48	45	55	59	53	54	59	51	53	63	68	47	70	74	72	43	47	62	75	70	71	76	83	80	72	70	66	60	64	62.0 40.7	
MURRAY	MAX MIN	53	54	54	61	60	58	57	54	56	55	65	63	66	74	72	53	53	63	73	81	81	79	81	80	81	67	75	71	67	77	66.1 42.6	
OWENSBORO 2 W	MAX MIN	50	52	52	59	58	55	52	60	52	51	61	56	51	62	66	54	46	57	71	75	73	72	76	79	79	69	71	62	61	68	62.3 42.6	
PAOUCAH FAA AIRPORT	MAX MIN	53	52	51	59	53	57	51	52	53	54	63	50	56	70	57	50	49	63	70	80	69	70	80	69	63	66	65	51	43	50	61.9 42.1	
PAOUCAH	MAX MIN	55	55	53	62	55	58	58	54	54	56	63	60	57	72	68	52	51	64	74	80	74	76	76	78	82	67	74	71	67	72	64.6 43.7	
PARAIOISE STEAM PLANT	MAX MIN	75	55	55	52	62	58	58	55	58	55	52	64	61	60	73	64	55	46	61	71	79	65	72	81	83	81	68	75	62	67	64.1 40.8	
PIKEVILLE	MAX MIN	61	52	48	50	68	57	53	61	58	53	63	63	52	75	79	60	52	46	34	32	51	54	55	56	61	55	45	49	45	43	41.6 41.6	
PRINCETON	MAX MIN	55	55	52	62	57	56	56	55	55	57	61	58	60	74	69	51	48	64	70	75	81	76	80	81	81	71	75	69	69	72	64.8 40.5	
RICHMONO	MAX MIN	47	49	47	46	55	60	54	49	54	49	39	57	60	48	68	72	46	40	47	59	73	64	70	75	66	45	67	70	61	59	58.0 38.4	
RUSSELLVILLE	MAX MIN	52	54	56	63	60	58	59	56	60	56	65	55	52	62	57	50	62	70	78	71	79	83	84	79	69	75	65	66	72	64.9 43.0		
SCOTTSVILLE	MAX MIN	55	53	49	60	62	55	55	57	64	60	65	57	54	71	69	60	48	57	69	81	77	72	82	79	77	72	74	65	63	70	64.4 42.5	
SHELBYVILLE	MAX MIN	45	50	46	52	59	57	54	50	54	48	43	55	53	52	67	65	44	40	51	62	70	62	68	75	80	75	68	70	58	61	57.8 38.3	
SOMERSET 1 N	MAX MIN	52	48	45	56	61	54	52	57	53	52	62	60	50	69	74	60	46	51	61	73	69	71	76	79	77	73	73	69	61	65	61.6 38.6	
SUMMER SHAOE	MAX MIN	53	52	46	59	62	53	55	58	63	51	66	60	54	72	73	58	48	55	65	77	69	72	81	82	76	71	75	64	63	66	63.3 40.3	
VANCEBURG OAM 32	MAX MIN	49	47	52	54	63	57	57	57	52	48	59	57	51	66	70	67	44	47	59	68	65	71	74	84	83	76	72	66	58	64	61.2 38.4	
WARSAW MARKLANO OAM	MAX MIN	51	45	53	58	62	50	49	54	48	46	56	52	53	65	62	52	45	49	62	68	66	69	75	82	77	63	69	55	58	68	58.7 38.2	
WEST LIBERTY	MAX MIN	53	48	47	47	52	60	54	47	58	51	43	63	65	44	71	75	47	43	46	60	73	63	73	78	88	79	68	74	60	59	59.6 35.5	
WILLIAMSBURG 2	MAX MIN	61	53	54	50	58	68	59	57	62	58	41	56	64	49	69	79	54	55	52	67	73	68	76	77	89	82	71	75	69	64	63.7 38.2	
WILLIAMSTOWN 5 WSW	MAX MIN	43	49	44	52	57	60	50	47	54	45	40	57	54	50	63	65	42	39	45	60	68	60	65	74	80	77	62	68	55	57	56.1 35.9	
WOLF CREEK OAM	MAX MIN	58	54	52	44	59	61	54	54	58	61	47	65	61	51	72	75	52	49	54	65	78	69	73	82	82	77	68	77	66	65	62.8 35.8	

EVAPORATION AND WIND

KENTUCKY
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Station		Day of month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DIX DAM	EVAP	-	.20	.17	.11	.07	.09	.13	.15	.16	.02	.01	.12	.29	.08	.19	.13	.24	.03	.06	.14	.28	.06	.08	.20	.27	.31	.23	.23	.23	.23		B4.67
	WIND	-	132	86	85	80	130	84	53	78	132	57	83	204	18	134	133	225	167	43	41	67	149	78	108	136	165	59	109	97	74		B3109
MADISONVILLE 1 SE	EVAP	.05	.14	.17	.05	.16	.05	.17	.15	.00	.00	.00	.00	.00	.00	.00	.00	.14	.14	.14	.24	.21	.32	.10	.32	.32	.14	.18	.28	.20	.31		3.98
	WIND	80	80	65	63	56	69	65	46	105	100	38	101	109	54	92	100	161	107	34	74	112	78	62	153	157	125	42	53	80	71		2532
WOLF CREEK DAM	EVAP	-	-	-	-	-	-	-	-	-	.09	-	-	.20	.11	.10	.17	.19	.11	.07	.05	.31	.08	.02	.27	.17	.22	.19	.23	.21	.17		-
	WIND	45	44	46	18	35	29	38	30	45	70	30	20	60	70	30	70	75	65	25	25	45	31	14	48	60	42	20	20	75	11		1236

Dix Dam - Evaporation pan is coated with aluminum paint inside and out each year before being placed in operation.

See Reference Notes Following Station Index

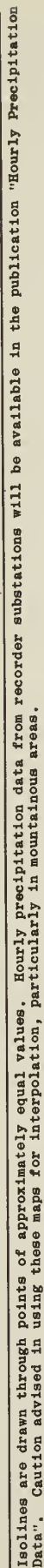
SNOWFALL AND SNOW ON GROUND

KENTUCKY
APRIL 1961

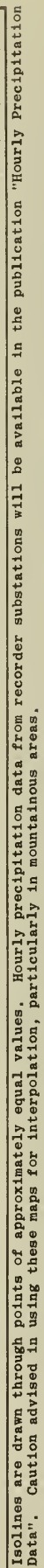
Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BAROSTOWN S J PREP SCH	SNOWFALL SN ON GNO	.3		1.5													T															
BENHAM	SNOWFALL SN ON GNO	T		3.0 2	T	T								T			T		T	T												
BEREA COLLEGE	SNOWFALL SN ON GNO	T																	T													
BOWLING GREEN FAA AIRPORT	SNOWFALL SN ON GND															T	T															
CAMPBELLSVILLE	SNOWFALL SN ON GND		T	T														T	T													
COVINGTON WB AIRPORT	SNOWFALL SN ON GNO WTR EQUIV	.9 1			T			T			T						.3 T	.2	T											T		
CYNTHIANA	SNOWFALL SN ON GNO	1.5 T																	T	T												
OANVILLE	SNOWFALL SN ON GNO	1.0 1		3.0 3														T	T													
OEWEY DAM	SNOWFALL SN ON GND	T			T														T													
FARMERS	SNOWFALL SN ON GNO	1.2 1				T																										
HEIOELBERG LOCK 14	SNOWFALL SN ON GNO				T																											
HENOERSON 7 SSW	SNOWFALL SN ON GNO																	T														
HOPKINSVILLE	SNOWFALL SN ON GNO																	T														
IRVINGTON	SNOWFALL SN ON GNO	T		1.5													.5	T														
LEXINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	2.9 2 .3		T														T	T													
LONDON FAA AIRPORT	SNOWFALL SN ON GNO	.1 T		.7 1														T	T													
LOUISVILLE WB AIRPORT	SNOWFALL SN ON GNO WTR EQUIV	T		T												T	.2	T														
MAYSVILLE OAM 33	SNOWFALL SN ON GND	- 1															-	-														
MIDDOLESBORO	SNOWFALL SN ON GND					T													T													
OWENSBORO 2 W	SNOWFALL SN ON GNO																	T														
PADUCAH FAA AIRPORT	SNOWFALL SN ON GNO																T															
PIKEVILLE	SNOWFALL SN ON GND				T													T														
SOMERSET 1 N	SNOWFALL SN ON GND	T			T																											
WILLIAMSTOWN 5 WSW	SNOWFALL SN ON GNO	- 1										T						T	T	T												

See reference notes following Station Index.

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STATION INDEX

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STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES			OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES			OBSERVER
							TEMP.	PRECIP.	EVAP.									TEMP.	PRECIP.	EVAP.	
ADOLSON DAM 45	0031	BRECKINRIDGE	7	37 55	86 34	380	6A	6A	C	CORPS OF ENGINEERS	4825	JESSAMINE	4	37 45	84 35	521	7A	7A	C	CORPS OF ENGINEERS	
ALBANY & N	0063	CLINTON	2	36 45	85 08	1000	7A	7P	C	MRS. BARBARA M. COOL	4857	HEPHERSON	4	38 26	84 58	485	7A	7A	C	CORPS OF ENGINEERS	
ANCHORAGE	0155	JEFFERSON	7	38 16	82 36	700	7P	7P	C	CHARLES C. BARRETT	4882	CLARK	4	37 51	84 02	773	7A	7A	C	HUBERT BURGER	
ASHLAND DAM 29	0254	BOYO	7	38 27	82 36	551	6P	7A	C	CORPS OF ENGINEERS	4893	LAUREL	2	37 08	84 04	1195	7A	7A	C	KNOXVILLE FERTILIZER CO	
BARBOUVILLE	0381	KNOX	2	36 52	83 53	1000	6P	6P	C	UNION COLLEGE	4898	LAUREL	2	37 05	84 05	1191	MIO	MIO	C	FED. AVIATION AGENCY	
BARDSTOWN S J PREP SCH	0397	NELSON	8	37 48	85 28	631	5P	5P	C	ST. JOSEPH PREP. SCHOOL	4946	LAWRENCE	1	38 07	82 36	585	8A	8A	C	HAROLD C. FERGUSON	
BAXTER	0450	HARLAN	2	36 51	83 20	1184	7A	7A	C	C. HOMER HARRAN	4949	JEFFERSON	7	38 14	85 46	462	MIO	MIO	C	LOUISVILLE G. & CO.	
BEAVER DAM	0490	OHIO	3	37 25	86 52	441	6P	6P	H	E. G. YOUNG	4951	JEFFERSON	7	38 13	85 40	558	MIO	MIO	C	CORPS OF ENGINEERS	
BENHAM	0595	HARLAN	2	36 58	82 57	1985	8A	8A	C	C. K. WHITEAKER	4954	JEFFERSON	7	38 11	85 44	474	MIO	MIO	C	U.S. WEATHER BUREAU	
BENTON	0611	MARSHALL	9	36 51	88 20	395	5P	5P	C	C. JAMES H. WILSON	4955	JEFFERSON	7	38 17	85 48	403	6A	6A	C	CORPS OF ENGINEERS	
BENTON 2	0615	MARSHALL	9	36 51	88 20	395	5P	5P	C	RADIO STATION WCLB	4967	BALLARRO	6	36 58	88 50	378	5P	5P	C	BLAINE MALONE	
BERRA COLLEGE	0619	MADISON	4	37 34	84 18	1070	6P	6P	C	JAMES A. GROSSMAN	5002	BARRON	3	36 53	86 02	730	5P	5P	C	WILLARD E. FOSTER	
BERRA WATER WORKS	0624	MADISON	4	37 33	84 15	1010	7A	7A	C	MRS. LAURA B. GABBARD	5007	HOPKINS	3	37 19	87 29	439	7A	7A	C	HOMER WELBORN, JR.	
BLAINE 1 W	0752	LAWRENCE	1	38 02	82 52	690	8A	8A	C	WILLIAM L. BURTON	5097	EDMONSON	3	37 11	86 05	800	5P	5P	C	NATIONAL PARK SERVICE	
BONNIEVILLE	0854	HART	3	37 23	85 54	684	5P	5P	C	WILLIAM L. FERRISS	5111	CLAY	4	37 06	83 43	850	6P	6P	C	MORA S. WHITE	
BOWLING GREEN	0904	WARREN	3	37 00	86 26	536	7A	7A	C	JAMES R. EDWARDS	5171	FLOYD	1	37 33	82 45	655	7A	7A	C	JAMES D. HUGHES	
BOWLING GREEN SUBSTA	0907	WARREN	3	37 01	86 26	470	5A	5A	C	IVA-639	5230	GRAVES	6	36 44	88 39	364	6P	6P	C	MAYFIELD ELEC. & WTR. CO.	
BOWLING GREEN FFA AP	0909	WARREN	3	36 58	86 26	535	MIO	MIO	H	FED. AVIATION AGENCY	5243	MASON	7	38 38	83 42	515	7A	7A	C	CORPS OF ENGINEERS	
BRENT DAM 36	0976	CAMPBELL	7	39 03	86 25	497	7A	7A	C	CORPS OF ENGINEERS	5291	JACKSON	2	37 26	84 00	1000	8A	8A	C	MRS. WINNIE W. MORAN	
BROWNVILLE LOCK 6	1046	EDMONSON	3	37 12	86 16	605	7A	7A	C	ELDRIDGE SKAGGS	5301	PENOLTON	5	38 36	84 16	662	7A	7A	C	RICHARD T. SYONOR	
BUCKHORN	1080	PERRY	4	37 21	83 23	934	6P	6P	C	CORPS OF ENGINEERS	5370	PIKE	1	37 34	82 27	730	7A	7A	C	MRS. EDITH J. SMITH	
BURDINE 2 NE	1120	PIKE	1	37 13	82 35	1643	8A	8A	C	EDWIN E. JOHNSON	5389	BELL	2	36 37	83 43	1130	5P	5P	C	MRS. LELA M. HERRELL	
BURKESVILLE	1137	CUMBERLAND	2	36 47	85 22	600	7A	7A	C	CORPS OF ENGINEERS	5394	BELL	2	36 38	83 42	1130	5P	5P	C	CITY OF MIDLESBORO	
CAIG LOCK E	1206	TRIGG	2	37 46	87 58	346	7A	7A	C	CORPS OF ENGINEERS	5407	WOODFORD	4	38 09	84 41	-	8A	8A	C	CITY OF MIDWAY	
CALHOUN LOCK 2	1227	MC LEAN	4	37 32	87 16	602	7A	7A	C	CORPS OF ENGINEERS	5430	BOURBON	5	38 18	84 09	789	7A	7A	C	CITY WATER WORKS	
CAMPBELLVILLE	1254	TAYLOR	3	37 20	85 21	771	6P	6P	C	ALVA MC KINLEY	5438	GRAYSON	3	37 27	86 03	588	7A	7A	C	OVA M. LAWLER	
CANNESVILLE	1294	GRAYSON	3	37 25	86 30	600	6P	6P	C	G. W. COX SR.	5524	WAYNE	2	36 50	84 50	928	6P	6P	C	ALVIN L. BERTRAM	
CARROLL LOCK 1	1348	CARROLL	4	38 41	85 11	480	4P	4P	C	MRS. BENJAMIN WHITE	5555	MORFRAE STATE COLLEGE	5	38 11	83 26	707	7A	7A	C	PROF. HENRY C. MAGAN	
CECILIA	1406	HAROLD	8	37 40	85 97	734	7A	7A	C	WILLIAM S. VERTREES	5640	MONTGOMERY	5	38 04	83 56	930	5P	5P	C	FRED CARTMILL	
CLAY CITY 1 WNW	1576	OWEN	4	37 52	83 56	712	7A	7A	C	JOEL W. MOUNTZ	5648	ROCKCASTLE	2	37 21	84 20	1137	5P	5P	C	CITY OF MT. VERNON	
CLERMONT 1 SSE	1611	BULLITT	8	37 55	85 40	540	5P	5P	C	BERNHEIM FOUNDATION	5684	HART	3	37 16	85 53	624	7A	7A	C	SHERMAN C. PUCKETT	
CLINTON	1631	HICKMAN	6	36 41	89 00	390	7A	7A	C	WOODSON D. FRANKLIN	5694	CALLOWAY	9	36 36	88 20	622	6P	6P	C	MURRAY STATE COLLEGE	
COBB	1663	CADWELL	2	36 59	87 47	490	7A	7A	C	MRS. BENJAMIN WHITE	6013	CARTER	7	37 19	83 12	895	7A	7A	C	GEORGE E. DUVAL	
COLLEGE HILL LOCK 11	1704	ESTILL	4	37 40	84 06	611	7A	7A	C	CORPS OF ENGINEERS	6020	HOPKINS	3	37 14	87 47	533	8A	8A	C	MELVIE PARLEE NEISZ	
COVINGTON WB AIRPORT	1855	BOONE	7	39 04	84 40	869	MIO	MIO	C	U.S. WEATHER BUREAU	6028	CLAY	4	37 16	83 39	750	7A	7A	C	MRS. ANNA L. BROWN	
CUMBERLAND FALLS ST PK	1969	WHITLEY	2	36 50	84 19	1070	5P	5P	C	KY. DEPT. OF CONSV.	6033	CAMPBELL	7	38 58	84 18	512	7A	7A	C	CORPS OF ENGINEERS	
CYNTHIANA 2	1998	HARRISON	5	38 23	84 18	684	7A	7A	C	M. HARRISON	6091	DAVIESS	7	37 46	87 09	420	6P	6P	C	H. VIRGIL O. CLARK	
CYNTHIANA 2	2003	HARRISON	5	38 23	84 17	719	8A	8A	C	KY. CARONAL DAIRY	6096	DAVIESS	7	37 47	87 07	404	6P	6P	C	CORPS OF ENGINEERS	
DANVILLE	2040	BOYLE	4	37 39	84 46	955	7A	7A	C	H. R. P. COLOIRON	6110	MC CRACKEN	7	37 04	88 46	398	5P	5P	C	FED. AVIATION AGENCY	
DAVILLA	2053	MARTIN	1	37 48	82 32	718	7A	7A	C	MRS. EVA M. DAVIS	6115	MC CRACKEN	7	37 06	88 37	340	5P	5P	C	WESTERN P. LACKY	
DELPHIA 1 E	2132	PERRY	4	37 02	83 07	1647	6P	6P	C	BALLAR F. WALKER, JR.	6117	MC CRACKEN	7	37 06	88 36	325	7A	7A	C	CITY OF PAUCAH	
DEMA	2139	KNOTT	1	37 25	82 48	850	7A	7A	C	HATTIE B. WALKER	6136	JOHNSON	1	37 49	82 48	620	7A	7A	C	JESSE FAIRCHILD	
DEWEY DAM	2150	OWEN	4	37 03	85 47	870	7A	7A	C	CORPS OF ENGINEERS	6155	MULLENBURG	9	37 16	86 59	402	7A	7A	C	IVA-76A	
DIX DAM	2214	MERCER	4	37 48	84 43	870	6P	6P	C	PHILLIP O. THACKER	6353	PIKE	1	37 29	82 31	686	7A	7A	C	U.S. WEATHER BUREAU	
DUNDEE 2 SE	2358	MULLENBURG	3	37 33	86 43	431	7A	7A	C	JESSE L. THACKER	6384	BELL	2	36 45	83 42	1002	7A	7A	C	FOLEY PARTIN	
DUNN	2366	MULLENBURG	3	37 05	87 00	592	7A	7A	C	Q. M. GIVENS	6575	CALDWELL	2	37 06	87 53	529	5P	5P	C	ALTON M. MARVILL	
DYER	2391	BRECKINRIDGE	3	37 43	86 13	793	7A	7A	C	LENA BLAIR	6679	ESTILL	4	37 40	83 57	634	7A	7A	C	CORPS OF ENGINEERS	
EDDYVILLE LOCK F	2445	OWEN	4	37 03	85 47	870	7A	7A	C	CORPS OF ENGINEERS	6805	MADISON	4	37 44	84 18	1122	8A	8A	C	THOMAS C. HERNDON	
EDMONTON	2469	METCALFE	3	37 00	85 37	865	7A	7A	C	CORPS OF ENGINEERS	7049	LOGAN	5	36 51	86 53	590	6P	6P	C	CORPS OF ENGINEERS	
ELIZABETHTOWN	2510	HAROLD	8	37 41	85 52	739	6P	6P	C	RADIO STATION WIEL	7054	LOGAN	3	36 50	86 54	576	7A	7A	C	MRS. NILOA L. COX	
ELKHORN CITY	2528	PIKE	1	37 18	82 21	800	7A	7A	C	EDMOND O. BENNETT	7074	SCOTT	4	38 23	84 33	791	7A	7A	C	IVA-683	
ELKTON 2 S	2548	TODD	2	36 47	87 10	520	7A	7A	C	S. RICHARD ANDERSON	7096	MARION	8	37 35	85 21	743	7A	7A	C	MRS. TRESSIE A. RALSTON	
FALMOUTH	2775	PENOLTON	5	38 07	84 20	560	6P	6P	C	FRANK M. LAWSON	7121	WOODFORD	4	37 56	84 56	490	6A	6A	C	JOHN B. BAUER	
FARMERS	2791	ROWAN	5	38 09	83 33	668	4P	4P	C	MRS. C. C. STAMPER	7129	MAGOFFIN	5	37 45	83 05	859	7A	7A	C	CORPS OF ENGINEERS	
FLEMINGSBURG	2903	FLEMING	5	38 25	83 43	858	7A	7A	C	MRS. ALMYRA B. MALL	7134	MAGOFFIN	5	37 44	83 03	920	7A	7A	C	STANLEY GARDNER	
FLEMINGSBURG 2	2908	FLEMING	5	38 25	83 43	911	6P	6P	C	WILLIAM H. FISCHER	7215	ALLER	3	36 45	86 12	770	5P	5P	C	FORREST C. WILLIS	
FORD LOCK 10	2953	MADISON	4	37 34	84 16	660	6A	6A	C	CORPS OF ENGINEERS	7234	WEBSTER	3	37 36	87 32	550	6P	6P	C	NORRIS ALLEN	
FORDS FERRY DAM 50	2961	CRITTENDEN	4	37 28	88 06	356	MIO	MIO	C	CORPS OF ENGINEERS	7270	ALLER	3	36 44	86 13	760	7A	7A	C	MRS. IOELL F. OERING	
FRANKFORD LOCK 4	3028	FRANKLIN	4	37 14	84 52	504	6A	6A	C	CORPS OF ENGINEERS	7311	MC CRACKEN	7	37 09	88 47	345	5A	5A	C	IVA-880	
FRANKLIN 1 E	3036	SIMPSON	3	36 43	86																

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The station index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

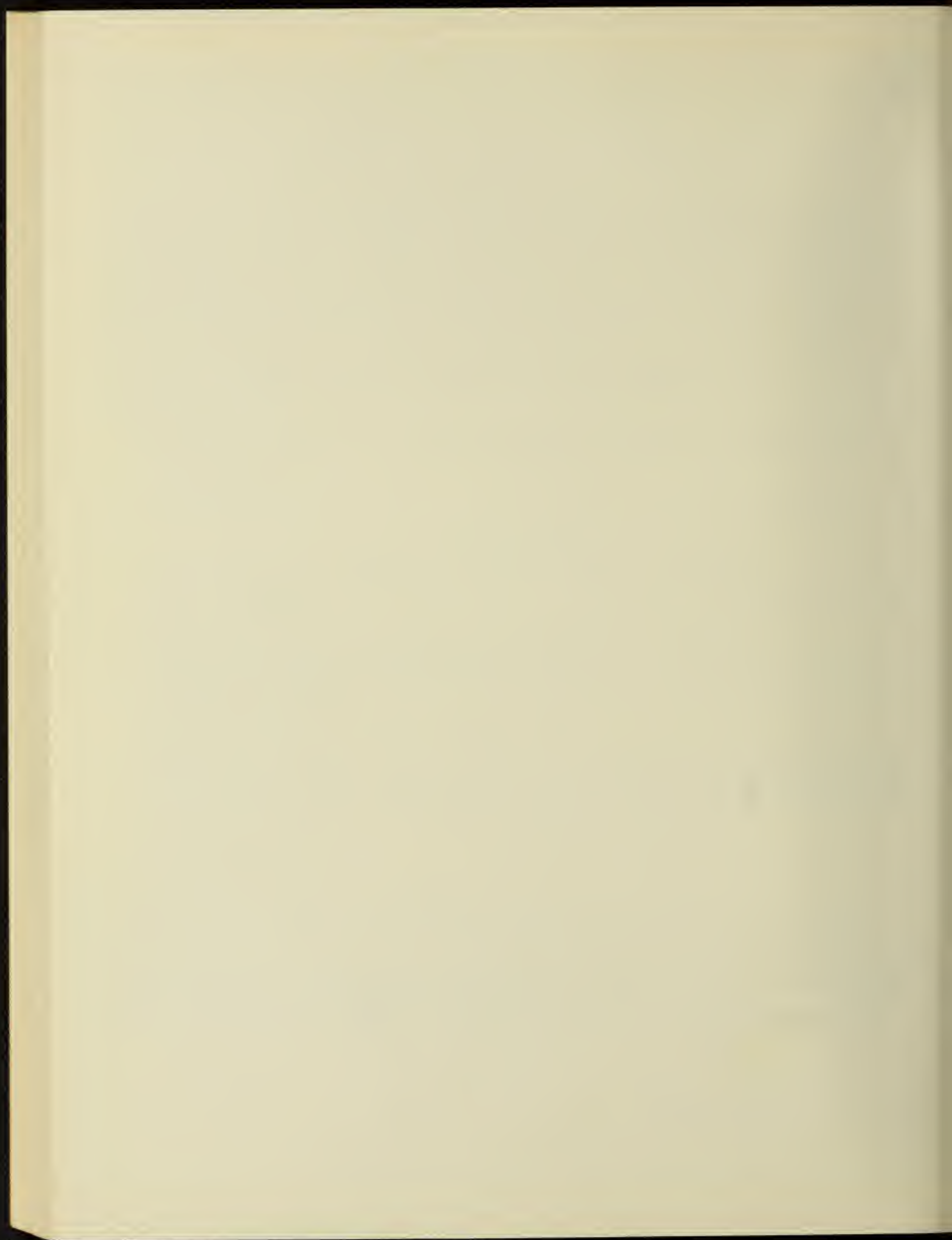
X Observation time is 1:00 a.m., EST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.



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U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

MAY 1961
Volume 56 No. 5



THE LIBRARY OF THE
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UNIVERSITY OF ALABAMA

ASHEVILLE: 1961

KENTUCKY - MAY 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 90° on the 14+ at Pikeville

Lowest Temperature: 23° on the 3rd at Vanceburg Dam 32

Greatest Total Precipitation: 10.67 inches at La Grange 2 NNW

Least Total Precipitation: 2.31 inches at London FAA Airport

Greatest One-Day Precipitation: 5.40 inches on the 7th at Louisville

Greatest Reported Total Snowfall: Trace at Benham

SPECIAL WEATHER SUMMARY

The weather during May was almost equally divided between seasonal temperatures and unusually heavy precipitation during the first two weeks and rather dry, unusually cool weather the last two weeks of the month. The major portion of the month's rainfall in western and northern locations fell in a four day period, May 5th through May 8th. Resultant rapid runoff produced heavy flooding in tributary streams in north central and north eastern Kentucky, with considerable lowland flooding in western and central Kentucky. The heavy rains were the result of a series of locally heavy storms along a band about 150 miles wide, centered on the Ohio River, which also produced many thunderstorms and two tornadoes. One tornado in Graves County on May 7th caused appre-

ciable damage to barns and farm buildings, with the second tornado on the same date causing heavy damage to urban and farm property in portions of McClean, Hopkins, Ohio, Muhlenberg, and Grayson counties. Farm activities were delayed for several weeks by wet soils and flooded bottom lands, with some lowlands in West Kentucky still flooded until the final week of the month. Unusually cool temperatures were reported on May 27th, with several minimum readings of freezing and below on that morning and frost deposits reported in colder locations.

O. K. Anderson
Weather Bureau State Climatologist
Lee Terminal, Standiford Field
Louisville 13, Kentucky

CLIMATOLOGICAL DATA

KENTUCKY
MAY 1961

Station	Temperature												Precipitation										
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
																		Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
										90° or Above	32° or Below	32° or Below	90° or Below										
WESTERN																							
BEAVER DAM	74.8	49.5	62.2		86	31	33	27+	127	0	0	0	0	7.26		3.55	7	.0	0		7	4	1
FORDS FERRY DAM 50	71.5	50.8	61.2		89	31	37	27	149	0	0	0	0	8.82	5.35	2.57	8	.0	0		10	6	3
GOLDEN POND 8 N	74.5	49.5	62.0		89	31	31	27+	128	0	0	2	0	4.97		1.40	1	.0	0		7	5	2
GREENVILLE 2 W	73.0	50.0	61.5	- 3.9	84	31+	33	2	144	0	0	0	0	7.70	3.93	2.70	7	.0	0		9	5	3
HENDERSON 7 SSW	72.9	50.4	61.7	- 4.4	86	31	34	27+	139	0	0	0	0	8.57	4.70	3.12	7	.0	0		8	4	3
HICKMAN 1 E	74.1	51.9	63.0		86	30	39	27	103	0	0	0	0	6.50		1.34	1	.0	0		9	5	3
HOPKINSVILLE	74.1	51.1	62.6	- 4.0	85	30+	34	27	111	0	0	0	0	6.03	2.03	1.85	1	.0	0		6	4	2
LOVELACEVILLE	74.7	50.7	62.7	- 4.4	88	31	34	27+	117	0	0	0	0	8.54	4.57	2.60	6	.0	0		8	7	4
MADISONVILLE 1 SE	74.6	50.1	62.4		85	31	34	27	120	0	0	0	0	6.56		1.42	9	.0	0		9	6	3
MAYFIELD	74.7	51.8	63.3		88	31	35	27	102	0	0	0	0	5.83		1.60	1	.0	0		8	5	1
MURRAY	75.8	52.5	64.2	- 3.2	88	31	35	27	91	0	0	0	0	6.24	2.16	1.90	1	.0	0		9	4	2
OWENSBORO 2 W	73.9	51.2	62.6	- 3.2	87	31	34	27	115	0	0	0	0	9.26	5.43	3.90	8	.0	0		8	5	3
PADUCAH FAA AIRPORT	72.4	50.6	61.5		87	31	34	27	145	0	0	0	0	7.65		2.39	6	.0	0		9	6	3
PADUCAH	76.4	51.7	64.1		89	31	34	27	93	0	0	0	0	7.45	3.43	2.19	6	.0	0		9	5	3
PARADISE STEAM PLANT	74.3	49.3	61.8		86	8	35	2	135	0	0	0	0	6.00		1.87	9	.0	0		9	5	3
PRINCETON	75.1	49.4	62.3	- 4.4	86	31	32	27+	115	0	0	2	0	7.25	3.28	2.40	7	.0	0		9	5	3
RUSSELLVILLE	75.5	49.9	62.7	- 3.5	86	31	34	27+	116	0	0	0	0	6.57	2.95	1.87	1	.0	0		7	5	3
DIVISION			62.5	- 4.0										7.13	3.16			.0					
CENTRAL																							
ADDISON DAM 45	72.9	47.2	60.1		86	14	33	27	172	0	0	0	0	9.54	5.57	3.82	8	.0	0		6	5	3
ANCHORAGE	71.4	47.5	59.5	- 4.1	83	14	30	2	183	0	0	1	0	9.95	5.93	4.08	7	.0	0		5	5	3
BARDSTOWN S J PREP SCH	73.9	47.1	60.5		85	14	30	2	165	0	0	3	0	8.87		3.60	7	.0	0		6	4	2
BONNIEVILLE	74.2M	46.1M	60.2M		84	14	30	3	169	0	0	3	0	6.73		1.99	7	.0	0		8	4	4
BOWLING GREEN FAA AP	73.8	50.5	62.2	- 5.1	85	31	35	27	122	0	0	0	0	5.10	1.29	1.50	1	.0	0		6	4	2
CAMPBELLSVILLE	73.5	49.0	61.3		84	14	33	2	139	0	0	0	0	7.25		2.03	7	.0	0		7	5	4
CECILIA	70.6	47.8	59.2	- 5.5	84	15	32	2	189	0	0	1	0	8.18	4.09	2.82	7	.0	0		9	5	2
CLERMONT 1 SSE	76.5	47.5	62.0		87	15	30	2	131	0	0	3	0	9.83		3.55	7	.0	0		8	5	3
ELIZABETHTOWN	73.1	48.0	60.6		83	15+	31	2	156	0	0	1	0	9.06		4.40	7	.0	0		8	5	2
GLASGOW WKAY	74.0	49.6	61.8		86	31	33	27	130	0	0	0	0	5.22		1.50	1	.0	0		6	5	2
GREENSBURG	72.8	47.3	60.1	- 5.4	86	15	33	2	177	0	0	0	0	5.30	.98	1.27	9	.0	0		10	4	1
IRVINGTON	74.7	48.7	61.7	- 3.9	87	14	31	27	134	0	0	2	0	9.64	5.77	3.61	7	.0	0		8	5	2
LEITCHFIELD	73.2	50.3	61.8	- 4.0	84	14	34	27	131	0	0	0	0	6.60	2.67	2.51	7	.0	0		9	3	2
LOUISVILLE	73.8	50.1	62.0		88	14	34	2	123	0	0	0	0	9.22		5.40	7	.0	0		5	3	3
LOUISVILLE WB AP	70.5	47.5	59.0	- 6.3	82	14	33	2	193	0	0	0	0	9.00	5.07	4.60	7	.0	0		5	4	3
MAMMOTH CAVE PARK	73.8	49.2	61.5		84	14	32	27+	140	0	0	2	0	5.99		1.80	1	.0	0		7	4	3
SCOTTSVILLE	74.3	49.2	61.8		85	31	32	27+	133	0	0	2	0	5.35		1.33	1	.0	0		7	5	1
SUMMER SHADE	74.2	49.7	62.0		86	31	32	27+	131	0	0	2	0	3.84		1.44	1	.0	0		6	4	1
WOLF CREEK DAM	73.5	45.5	59.5		85	15	31	27	193	0	0	3	0	3.06		.83	1	.0	0		7	2	0
DIVISION			60.9	- 4.7										7.25	3.32			.0					
BLUE GRASS																							
BEREA COLLEGE	73.8	48.0	60.9	- 4.6	83	31	33	27+	151	0	0	0	0	4.33	.50	2.68	7	.0	0		8	1	1
CARROLLTON LOCK 1	72.6	47.5	60.1		82	15+	32	3+	173	0	0	2	0	6.86	3.57	3.23	8	.0	0		6	4	3
COVINGTON WB AIRPORT	70.0	48.6	59.3	- 3.2	85	14	32	2	196	0	0	1	0	7.31	3.86	3.02	7	.0	0		7	5	2
CYNTHIANA 2	65.7M	44.5M	55.1M		78	7	28	2	312	0	0	4	0	6.75		2.37	8	.0	0		7	5	2
DAWVILLE	70.0	46.3	58.2		83	15	32	2	227	0	0	1	0	6.38	2.24	2.65	7	.0	0		11	4	1
DIX DAM	72.9	49.2	61.1		83	15+	34	27+	147	0	0	0	0	5.22		1.05	7	.0	0		10	5	1
FALMOUTH	72.8M	45.0M	58.9M		84	14	30	2	200	0	0	2	0	7.55	3.79	3.77	8	.0	0		8	3	2
FLEMINGSBURG 2	70.8	46.7	58.8		85	14	29	2	206	0	0	2	0	5.23		1.82	7	.0	0		8	5	1
FRANKFORT LOCK 4	71.5	46.6	59.1	- 5.4	84	15	32	2	191	0	0	1	0	9.02	5.14	4.33	8	.0	0		7	5	2
LEXINGTON WB AIRPORT	69.9	48.6	59.3	- 4.8	83	14	33	2	188	0	0	0	0	6.14	2.58	2.80	7	.0	0		7	4	1
MAYSVILLE DAM 33	69.8	44.4	57.1	- 6.3	84	15	30	2	253	0	0	3	0	7.00	3.38	3.34	8	.0	0		8	3	2
MOUNT STERLING	72.2	48.5	60.4		85	14	34	27	166	0	0	0	0	5.73	1.66	2.00	7	.0	0		9	2	2
RICHMOND	69.9	47.5	58.7		83	15	31	2	206	0	0	2	0	4.69		1.64	7	.0	0		10	2	1
SHELBYVILLE	69.3	47.5	58.4	- 5.8	81	15	33	27+	208	0	0	0	0	9.99	5.93	4.32	8	.0	0		8	5	4
WARSAW MARKLAND DAM	71.1	47.4	59.3	- 4.3	84	14	31	2	189	0	0	1	0	6.56	3.21	2.87	8	.0	0		6	5	2
WILLIAMSTOWN 5 WSW	68.5	44.7	56.6	- 8.6	82	15	32	27+	265	0	0	2	0	7.77	3.90	3.80	8	.0	0		7	4	2
DIVISION			58.8	- 6.0										6.66	2.81			.0					
EASTERN																							
ASHLAND DAM 29	72.7	46.7	59.7	- 5.6	88	8	32	3	188	0	0	1	0	4.03	.15	1.22	8	.0	0		11	2	1
BARBOURVILLE	77.3M	47.0M	62.2M		85	14+	30	27	92	0	0	1	0	3.28		2.05	1	.0	0		6	1	1
BAXTER	72.4	45.6	59.0		84	9	31	3	199	0	0	2	0	3.62		1.78	1	.0	0		6	2	1
BENHAM	72.0	44.2	58.1		85	19	28	3	232	0	0	2	0	4.39		1.15	1	T			9	3	1
BLAINE 1 W	71.7	44.0	57.9		88	15	29	3	240	0	0	4	0	4.20		.85	7	.0	0		10	3	0
DEWEY DAM	72.2	44.2	58.2		87	15+	32	3+	223	0	0	2	0	3.30		.81	8	.0	0		8	3	0
FARMERS	73.9	45.7	59.8	- 4.6	87	14	30	3+	182	0	0	3	0	5.62	1.60	1.33	7	.0	0		10	4	1
GRAYSON 1 SE	69.7	45.3	57.5		85	15+	31	3	246	0	0	3	0	4.66		1.15	7	.0	0		12	3	2
HEIDELBERG LOCK 14	74.7	45.0	59.9		87	15	30	27+	172	0	0	4	0	3.71	-.07	1.08	7	.0	0		10	1	1
HINDMAN	73.3	45.1M	59.2M		86	14+	30	3	196	0	0	4	0	3.56		1.22	1	.0	0		6	2	1
HYDEN				M						0	0	0	0	3.56		.96	1						

CLIMATOLOGICAL DATA

KENTUCKY
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CONTINUED

CONTINUED

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max		Min						Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
										60° or Above	32° or Below	32° or Below	0° or Below										
MIDDLESBORO	74.6	46.7	60.7		83	31+	30	27+	157	0	0	2	0	3.74		.90	9	.0	0		7	3	0
MONTICELLO	74.0	49.0	61.5		84	31+	32	27+	140	0	0	3	0	3.28		1.08	1	.0	0		7	2	1
MOUNT VERNON	72.4	47.4	59.9		85	14	30	27+	186	0	0	3	0	4.28		1.78	7	.0	0		7	3	1
PIKEVILLE	75.7	48.2M	62.0M		90	14+	33	3	131	2	0	0	0	3.33	-.75	.89	1	.0	0		7	3	0
SOMERSET 1 N	72.7	46.9	59.8		83	14	30	3	178	0	0	3	0	2.77		1.18	1	.0	0		6	2	1
VANCEBURG DAM 32	72.7	46.7	59.7		85	14	23	3	182	0	0	2	0	5.90	1.86	2.96	8	.0	0		7	3	2
WEST LIBERTY	72.2	44.1	58.2	- 5.2	89	15	30	3	227	0	0	4	0	4.87		.96	8	.0	0		10	4	0
WILLIAMSBURG 2	75.4	46.4	60.9		85	15+	31	27	161	0	0	3	0	3.21	-.82	1.50	1	.0	0		6	2	1
DIVISION			59.8	- 5.4										3.81	-.18			T					

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m p h				Relative humidity averages percent				Number of days with precipitation								Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	01-09	10-49	50-99	100-199	200 and over	Total			
COVINGTON WB AIRPORT	SSW	13	10.1	38	NW	8	75	79	51	50	6	4	2	3	1	1	17	-	6.6	
LEXINGTON WB AIRPORT	S	11	10.1	-	-	-	79	83	57	59	4	5	3	3	0	1	16	-	6.1	
LOUISVILLE WB AIRPORT	NNE	10	7.8	34	W	7	79	88	60	58	7	4	1	1	2	1	16	57	5.8	

See Reference Notes Following Station Index

DAILY PRECIPITATION

KENTUCKY
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Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADDISON DAM 45	9.54	.07	.01			T	1.38	.95	3.82	2.50	.05						.42		.64	.02				.03									*
ALBANY * M	2.81	.82								.52			.09						.54	.34													*
ANCHORAGE	9.95	.08				1.30	.02	.408	2.49	.99			T				.07		.84		T												*
ASHLAND DAM 29	4.03	.11	.17				.97	.32	1.22	.19	.03	.03	.06	.05			.18		.10	.17			T	.12									*
BARBOURVILLE	3.28	2.05								.05		.49	.18	.05			.06		.16	.02				.12						.01	.02		*
BARSTOWN S J PREP SCH	8.87	.64				.55	.05	3.60	.72	1.77							.27		.88	.01													*
BAXTER	3.62	1.78	.34						.14	.76	.10	.22	.08	T			.05		T	.05													*
BEAVER DAM	7.26	.88				.33	T	3.55	.76	.98								.04	T														*
BENHAN	4.39	1.15	.57			.02	T	.03	.60	.41	.48	.33	.45	T			T	T	T	T													*
BEREA COLLEGE	4.33					.34	.11	2.68	.33				.21		.11				.24														*
BEREA WATER WORKS	4.81	.41	.62			.40	1.62	.43	.28	.10	.01	.14					.09		.04	.26										.39	.02		*
BLAINE 1 W	4.20	.41	.52			.26		.85	.50	.30	.05	.03	.13				.07		.28	.20				.04						.46	T		*
BONNIEVILLE	6.73	1.29				.19		1.99	.36	1.07	T						.40		1.05											.38			*
BOWLING GREEN	5.51	1.75	.55			.03	.05	.04	.42	1.35				.03			.43		.77	.04					.05					.38			*
BOWLING GREEN SUBSTA	6.38	1.96	.13			.04	.07	.02	.60	2.02					.04		.40		1.00	.01					.04					.05			*
BOWLING GREEN FAA AP	5.10	1.50			T	.02	T	.41	1.44	T		.02					.79		.71						.15					T	.06		*
BRENT DAM 36	7.08	T				.93	1.04	2.83	1.45			.01		.03			.11	T	.48						.02					.02			*
BROWNVILLE LOCK 6	5.60	1.23	.26			.06	.02	.01	.41	1.61				.18			.40		1.23	.02										.35			*
BUROINE 2 NE	2.83	1.02	.41				.15		.57	.20	.18																				.30		*
BURKESVILLE	3.42	.76	.45						.18	.71	T			T					.67	.25	T									T			*
CAOIZ LOCK E	6.00	2.00	.10			.06	.27	.37	1.14	1.01	T						.02		.26											.20			*
CALHOUN LOCK 2	6.85	.70	.08			T	1.16	1.02	1.33	1.32	.05						.06		.69											.44			*
CAMPBELLSVILLE	7.25	1.29				.18	.01	2.03	.06	1.00			T	.03			.56		1.80											.29			*
CANEYVILLE	7.91	.51	.27			.11	.21	3.43	.40	1.79	.02						.07		.65	.06										.39			*
CARROLLTON LOCK 1	6.86	.02				T	1.23	.23	3.23	1.39	.02			T			.12	T	.54	.05					T						.03		*
CECILIA	8.18	.54	.31				.47	2.82	.54	2.21			T	T			.30		.79	T	T									.20			*
CLAY CITY 1 WNW	4.49	.45	.40				.49	1.35	.78	.27	.04		.16	.08	T		.24	T	.05	.34										.21			*
CLERMONT 1 SSE	9.83	.30				.75	.04	3.55	1.99	2.01							.24		.69											.26			*
COBB	5.75	1.18	.24			.10	.22	*	1.18	.75								.80												.79			*
COLLEGE HILL LOCK 11	3.88	.45	.40				.47	1.01	.35	.28	.04		.24				.05	.03	.15	.20										.21			*
COVINGTON WB AIRPORT	7.31					.80	.60	3.02	1.83	.12							.14	T	.06	.66										.01	.07		*
CUMBERLAND FALLS ST PK	3.49	2.07					.91	.41		.53	.05	.15	.05				.15		.38											.04	.07		*
CYNTHIANA	6.91	.01	T			T	1.04	.73	2.61	1.12	.03		.03				.21	T	.65	.22										.26			*
CYNTHIANA 2	6.75	.04					.99	.86	2.37	1.02	.08			.04			.20		.75	.08										.23	T		*
DANVILLE	6.38	.38	.39				.52	2.65	.74	.70	.13						.24	.19	.16	.05													*
DELPHIA 1 E	4.67	1.39					1.03		1.00	.10	.52								.31	.06										.63			*
DEWEY DAM	3.30	.25	.50			.24	.60	.81	.21	.04	.06	.19	.23						.32											.07	.04		*
DIX DAM	5.22	.60	.41			.03	.58	1.05	.65	.69	T						.28		.31	.04										.46			*
DUNDEE 2 SE	6.57	.80	.15			.20	.26	1.28	.57	2.60	.03								.32											.36			*
DUNMORE	6.64	1.36				.03	.32	.56	1.92	.02							.07		1.96											.18			*
EDDYVILLE LOCK F	6.86	1.06	.08			.20	.63	1.07	.62	1.32	.02								1.07											.29			*
EDMONTON	4.13	1.04	.40						.70	.60							.45		.61											.10			*
ELIZABETHTOWN	9.06	.86				.43		.44	.53	1.59							.30		.70											.25			*
ELKHORN CITY	3.82	.80	.80				.20		.65	.15			.17	.87					.61											.12			*
ELKTON 2 S	5.85	1.84	.20			.02	.04	.02	.52	1.87							.40		.50	T										.32			*
FALMOUTH	7.55	.03					.95	.26	3.77	1.37	T		T	.04			.13	.18	.49	.28										.03			*
FARMERS	5.62	.35	.55			T	.72	1.33	.99	.30	.03	T	.26	.07			.07	.05	.34	.24			.02	.03						.32	.01		*
FLEMINGSBURG	5.83	.12	.03				1.27	.68	2.10	.55	.02		.04	.06			.02	.06	.35	.14	T									.32			*
FLEMINGSBURG 2	5.23	.16				.56	.52	1.82	.83	.41		.03	.09				.05		.50											.18			*
FORD LOCK 10	6.40	.61	.54				.70	1.15	1.72	.51	.03		.15				.15	.05	T	.16	.19									.44			*
FDROS FERRY DAM 50	8.82	.58	.01			.24	1.68	.83	2.57	.87	T						1.16		.32											.34			*
FRANKFORT LOCK 4	9.02	.03	T				.94	.84	4.33	1.62	T		T	T			.23	.01	T	.61	.32									.08	T		*
FRANKLIN 1 E	5.73	.85	.52						.65	.98							.89		1.63											.01			*
FREEMAN 2 SW	3.76	.57	.41			T	.19	.32	.52	.05	.05	.06	1.11	.01																			

DAILY PRECIPITATION

KENTUCKY
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Continued

Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
OWENSBORO DAM 46	9.20	.24	.03			.03	1.49	1.10	3.64	1.80	.03					.01	T		.55	.04							.24						
PAUCAM FAA AIRPORT	7.65	.74			.07	.42	2.39	1.12	1.22	T					.06			.15	.30	T		.01	.58				.59	.24					
PADUCAH	7.45	.86			T	.49	2.19	1.13	1.35						.32			T	.12				.47				.52						
PAINTSVILLE	3.06	.23	.36			.30	.41	.75	.26		.05	T	.27						.12	.25							.15	.03		T			
PARAISE STEAM PLANT	6.00	.52	.16			.10	.10	1.20	.65	1.87									1.13								.27						
PIKEVILLE	3.33	.89	T			.22		.61	.29		.03	.28	.60				.24		.03	.05			T				.09					T	
PINEVILLE	3.29	1.05	.54					.02	.81		.13	.18	.09	.03		.03	.02	T	T	.27					.35		.01	.05			.06		
PRINCETON	7.25	1.15			.05	.20	.79	2.40	.63	.48								.10	1.10														
RAVENNA LOCK 12	3.13	.24					.30	1.45	.38	.12			.25						.12								.27						
RICHMOND	4.69	.39	.39			T	.52	1.64	.40	.42	.02	T	.20				.11		.40	.04		T					.16						
ROCHESTER LOCK 3	6.49	1.12	.16			.10	.07	.67	.64	1.99	.02						.06		1.49	.02							.15						
RUSSELLVILLE	6.57	1.87	.37			.01		.58	1.25	T							.62		1.70						.17		.06						
RUSSELLVILLE SUBSTA	6.54	2.16	.10					.40	1.26								.62		1.75				T	.19			.59	T		.01			
SALVISA LOCK 6	6.59	.42	.46				.88	.96	1.20	1.03	T		.09	.08		.38	T		.33	.16							.35	.01			.45		
SALYERSVILLE 2 SE	3.37	.38	.33			.01	.29	.66		.30		.08	.22				.10		.08	.11													
SCOTTSVILLE	5.35	1.33					.36	.93	.78							.75			.97								.05						
SCOTTSVILLE 2 SW	5.08	.86	.38			T	.05	.40	1.58							.60		1.06	.05				.18		.10		.40						
SEBREE	9.25	.40				1.30	.90	3.20	1.80	1.58						.70		.55															
SHAWNEE STEAM PLANT	8.64	.77			.05	2.89	.56	1.33	1.07							.84			.18			.02	T	.45			.48						
SHELBYVILLE	9.99	.04				1.16	1.55	4.32	1.61	T						.22			.85	.13						.11	T						
SHEPHERSVILLE	7.72	.15				1.18	*	2.94	2.00							.25			.95								.25						
SOMERSET 1 N	2.77	1.18			.03		.06	.38				.14	.12			.26			.60	T							.12						
SPRINGFIELD	6.63	.56	.18		T	.48	2.43	.32	1.26							.51			.41	T							.48						
STEARNS	4.14	1.56	.56					.47			.10	.08	.60			.27			.15	.30							.04	.05					
SUMMER SHADE	3.84	1.44			T		.50	.02	.52		.03					.39			.78				.12										
SUMMER SHADE SUBSTA	4.07	1.07	.56		T	.01	.12	.38	.49	.02	T	.03				.39			.65	.17				.12			.05			.01			
TAYLORSVILLE	8.54	1.14					.127	3.05	2.20	T						.33			.47	.14							.12						
TURKEY CREEK SCHOOL	6.76	2.00	.02		.03	.31	.31	1.39	1.62	.02	T								.32			.03		.52			.19						
TYRONE LOCK 5	7.93	.08	.34		T	.76	.75	3.55	1.38	T		.04				.34	.02		.26	.27							.14						
UNIONTOWN DAM 49	9.33	.19			.17	2.35	.26	2.78	1.49	.01					1.45			.37									.28						
VALLEY VIEW LOCK 9	5.83	.61	.36		T	.60	1.40	1.05	.60	.02	T	.10				.15	.15		.25	.02		T					.52	T					
VANBUREN	8.20	.21	.26			.77	2.10	2.20	1.69							.26			.36	.30							.05						
VANCEBURG DAM 32	5.90	.04				1.26	.26	2.96	.59					.12				.08	.25	T	T	.04					.28			.02			
WARSAW MARLAND DAM	6.56	T			T	.94	.52	2.87	1.46		.03					.24			.59	.03							.02			.02		T	
WAYNESBURG 7 NE	5.24	.64	.51		T	.20	1.73	.23	.51	T		.17				.10			.33	.21							.45	.02					
WEST LIBERTY	4.87	.35	.62	T		T	.40	.70	.96	.40	.05	.02	.26	.04		.07	.07		.11	.09		T	.06				.51	.01		.04	.18		
WILLIAMSBURG 2	3.21	1.50	.56			T	.97	.64	3.80	1.39	.05	T			.03		.07	.02	.05	.34													
WILLIAMSTOWN 5 WSW	7.77	.03	T		T	.97	.64	3.80	1.39	.05	T					.19	T		.44	.17		T					T	.04			.09		
WILLOW LOCK 13	4.11	.25	.52			.38	1.06	.62	.23	.10	.02	.24				.34	.08		.07	.10							.34			.05	.05		
WOLF CREEK DAM	3.06	.83	.42				.09	.63			T	.15							.19	.41													
WOODBURY LOCK 4	6.35	1.28	.30			.08	.05	.40	.55	1.85	.02					.22			.90	.45							.25						

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in "F", precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
- Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above and covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., EST of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

DAILY TEMPERATURES

KENTUCKY
MAY 1961

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADDISON DAM 45	MAX MIN	70 50	68 34	68 36	68 40	68 48	72 48	80 58	72 60	74 50	58 46	77 52	82 54	84 58	86 58	76 48	68 42	70 48	72 48	72 48	73 50	74 51	66 44	70 42	80 44	82 44	56 33	68 40	76 40	80 50	78 45	72.9 47.2	
ANCHORAGE	MAX MIN	66 52	62 30	65 33	67 38	60 46	82 53	75 60	71 59	61 51	66 41	77 48	76 52	80 51	83 58	78 63	68 53	70 46	71 56	68 50	71 46	68 47	69 42	75 41	78 45	71 46	64 33	72 40	72 56	78 44	79 43	71.4 47.5	
ASHLAND DAM 29	MAX MIN	64 54	60 33	58 32	62 36	62 48	84 49	83 59	88 57	73 55	61 51	74 52	73 51	79 50	86 53	86 59	73 54	71 45	69 52	69 55	67 41	73 43	76 43	68 45	77 39	85 44	75 45	61 35	72 38	72 50	73 39	72.7 46.7	
BARBOURVILLE	MAX MIN	52 44	35 34	34 31	38 39	73 52	72 53	83 58	85 58	85 50	68 50	76 52	71 50	83 50	85 50	80 60	79 50	82 45	80 59	72 55	72 45	75 56			78 37	79 36	72 42	61 30	79 34	79 46	79 45	84 40	77.3 47.0
BARDSTOWN S J PREP SCH	MAX MIN	66 52	64 30	65 32	67 38	63 46	82 55	80 58	78 59	62 49	67 45	75 46	79 47	83 52	85 57	84 63	77 51	74 46	71 57	73 50	71 45	74 52	67 49	68 43	76 38	80 44	78 44	65 31	74 39	80 56	83 46	73.9 47.1	
BAXTER	MAX MIN	62 44	62 37	62 31	67 34	71 39	74 51	77 54	81 62	84 57	64 50	61 52	77 54	73 51	82 52	81 60	79 53	68 47	81 48	68 56	73 46	76 48	73 45	74 39	70 38	79 39	75 43	62 32	76 43	76 44	75 40	72.4 45.6	
BEAVER DAM	MAX MIN	68 54	64 33	67 35	67 44	65 48	84 56	79 60	79 60	62 49	69 45	76 50	81 54	83 55	85 65	79 65	73 54	73 48	74 61	72 51	74 49	76 59	73 53	72 41	78 40	81 44	78 45	65 33	76 40	81 57	78 47	86 44	74.8 49.5
BENHAM	MAX MIN	60 38	58 33	65 28	66 34	69 41	70 52	81 59	75 65	84 47	56 45	59 47	78 49	70 46	82 52	81 61	79 51	65 43	78 49	82 54	85 45	80 42	71 40	71 36	76 35	75 40	61 30	76 35	75 42	77 37	74 45	72.0 44.2	
BEREA COLLEGE	MAX MIN	60 44	60 33	63 35	67 39	67 48	82 54	81 60	81 59	80 51	63 48	76 50	75 54	82 55	82 58	80 60	81 55	81 46	78 57	71 55	69 44	70 55	70 50	64 38	76 40	80 48	75 46	61 30	76 45	77 52	83 43	73.8 48.0	
BLAINE 1 W	MAX MIN	65 43	60 30	61 29	67 30	67 36	80 47	81 58	71 56	86 58	69 51	64 52	75 55	78 48	82 48	88 55	85 53	68 41	73 49	70 54	69 41	71 42	70 41	69 35	69 34	79 39	82 51	52 30	62 33	79 46	78 40	74 38	71.7 44.0
BONNIEVILLE	MAX MIN	67 54	65 31	67 30	69 36	68 47	81 57	78 60	80 51	62 49	68 40	77 48	78 54	82 49	84 54	83 62	74 51	76 41	73 46	74 44	68 56	69 48	77 37	77 42	70 45	75 38	65 32	73 36	79 58	80 44	80 43	74.2 46.1	
BOWLING GREEN FAA AP	MAX MIN	66 48	65 36	69 37	66 44	74 52	80 66	75 62	81 56	61 47	68 48	77 53	80 53	82 55	84 61	78 63	76 52	74 49	71 55	74 53	77 55	76 44	71 43	76 43	79 49	66 35	76 41	83 56	75 41	75 47	85 44	73.8 50.5	
CAMPBELLSVILLE	MAX MIN	65 55	64 33	68 35	68 42	70 50	79 56	79 59	79 62	60 50	68 45	78 49	78 54	82 52	84 53	82 64	70 53	76 48	71 60	73 52	74 46	73 57	72 50	69 42	78 41	69 46	78 47	63 34	74 39	78 47	76 49	83 45	73.5 49.0
CARROLLTON LOCK 1	MAX MIN	68 52	62 32	67 32	65 36	64 46	82 52	81 61	70 59	63 53	64 43	74 48	78 53	79 53	82 57	82 65	74 52	68 45	71 54	70 48	68 47	72 39	72 44	67 40	75 45	79 44	79 45	65 35	74 42	79 56	78 44	79 43	72.6 47.5
CECILIA	MAX MIN	67 55	65 32	63 34	65 40	65 45	73 46	77 61	68 50	75 52	54 49	65 50	76 50	78 53	81 56	84 60	76 53	68 47	72 57	74 52	74 50	71 56	73 50	65 40	66 40	73 42	80 46	54 39	63 45	72 47	80 43	70.6 47.8	
CLERMONT 1 SSE	MAX MIN	69 54	66 30	68 32	69 36	68 46	81 54	83 60	79 63	76 51	68 41	78 47	81 52	84 57	85 63	87 53	80 45	74 57	74 50	76 46	74 51	77 48	78 48	81 44	83 44	65 31	75 44	81 40	75 40	82 56	81 42	76.5 47.5	
COVINGTON W8 AIRPORT	MAX MIN	64 42	59 32	63 35	64 39	64 46	80 54	67 61	65 49	61 47	63 43	76 49	79 54	83 62	85 57	79 65	69 53	69 51	66 43	67 50	71 46	71 48	65 49	68 43	76 45	79 53	62 40	65 34	74 46	77 56	75 48	70.0 48.6	
CYNTHIANA 2	MAX MIN	65 49	67 28	67 30	65 32	67 33	66 33	78 61	63 59	72 50	56 45	60 49	69 50	72 49	73 51	73 63	62 51	65 47	65 53	62 45	62 50	65 42	59 37	61 41	70 47	72 48	61 30	70 47	68 40	73 38	68 39	65.7 44.5	
DANVILLE	MAX MIN	63 47	63 32	60 34	65 38	66 41	64 46	79 60	74 59	80 55	60 44	65 44	73 50	81 52	83 60	78 56	65 45	75 47	69 48	67 50	70 41	72 40	66 41	74 45	78 45	81 45	61 33	75 38	75 46	79 47	73 44	70.0 46.3	
DEWEY DAM	MAX MIN	64 36	59 32	61 30	67 33	68 44	58 47	80 59	73 57	87 58	69 42	73 52	72 52	77 53	81 50	87 54	82 53	68 47	75 46	74 55	69 44	70 41	70 38	68 35	78 44	81 45	81 33	61 30	76 43	79 47	74 40	72.2 44.2	
DIX DAM	MAX MIN	64 55	61 34	65 37	65 40	64 49	79 54	80 60	79 68	77 56	65 45	70 51	77 53	79 54	83 58	83 63	79 54	74 48	73 55	68 54	70 46	72 50	70 46	66 51	74 48	79 49	76 43	60 34	74 45	77 47	81 45	72.9 49.2	
ELIZABETHTOWN	MAX MIN	67 49	65 31	65 33	65 40	62 50	80 55	78 58	77 60	66 50	67 43	75 49	77 50	80 51	83 55	74 64	73 54	72 48	71 46	74 60	72 47	71 48	74 39	67 49	78 45	79 49	83 45	75 38	73 46	81 44	77 44	82 44	73.1 48.0
FALMOUTH	MAX MIN	66 51	61 30	67 33	62 33	62 47	80 51	77 60	73 57	70 47	66 42	76 48	78 52	81 43	84 52	81 63	72 46	70 51	69 46	67 44	74 44	70 43	69 38	78 39	81 49	76 45	66 30	76 44	79 50	75 41	79 40	72.8 45.0	
FARMERS	MAX MIN	64 55	63 30	65 30	67 33	64 44	82 48	82 61	84 59	69 55	65 40	73 53	77 55	81 48	87 51	85 59	76 55	73 45	71 53	69 50	71 43	72 43	73 45	69 38	77 35	82 40	79 31	61 35	77 47	77 41	79 39	73.9 45.7	
FLEMINGSBURG 2	MAX MIN	63 52	60 29	65 33	66 37	60 46	77 52	72 60	79 58	61 53	60 47	65 49	72 59	80 51	85 64	68 51	71 46	65 52	67 51	71 42	75 41	75 42	67 44	75 40	80 39	69 46	75 44	69 32	75 40	76 54	71 42	76 42	70.8 46.7
FORDS FERRY DAM 50	MAX MIN	62 46	64 39	63 40	66 45	70 48	80 50	75 59	74 57	58 47	64 43	71 49	80 54	84 62	83 62	71 59	65 53	66 50	72 55	65 44	70 54	72 59	65 48	69 48	76 45	81 50	57 43	67 37	76 46	83 60	89 51	71.5 50.8	
FRANKFORT LOCK 4	MAX MIN	67 49	69 32	63 34	67 36	65 41	57 48	80 54	69 60	79 57	63 44	67 48	75 52	79 50	81 59	84 59	80 54	70 47	70 53	70 46	73 45	66 46	68 40	75 43	80 45	63 37	66 41	75 460					

DAILY TEMPERATURES

KENTUCKY
MAY 1961

Continued

Station		Day Of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
INE2	MAX MIN	60 52	62 33	69 30	70 32	69 38	83 47	83 56	89 54	88 52	67 51	78 53	78 50	83 49	89 49	85 57	84 57	79 49	74 51	74 50	75 42	72 44	73 44	75 38	79 37	83 40	75 49	62 32	80 33	79 43	76 46	80 40	76.5 45.1	
IRVINGTON	MAX MIN	69 54	66 32	70 34	68 41	66 43	81 55	77 60	74 58	81 49	67 41	77 48	81 53	84 55	87 62	78 65	74 53	77 48	76 60	69 51	74 47	72 55	69 54	71 41	78 41	82 45	74 45	69 31	77 40	83 57	78 46	86 44	74.7 48.7	
JACKSON	MAX MIN							79 57	75 54	82 55	66 52	60 52	75 53	77 49	81 49	87 57	83 56	67 48	78 45	73 55	70 43	72 42	72 48	71 38	70 38	71 38	81 38	78 41	60 32	63 31	79 48	78 45	74 41	74.0 46.5
LEITCHFIELD	MAX MIN	67 54	64 37	67 40	65 44	63 46	83 56	74 60	78 60	61 49	68 44	75 49	80 55	83 55	84 60	78 63	70 51	73 48	74 60	69 54	73 50	74 57	70 44	75 45	80 45	75 34	64 35	75 43	80 56	75 48	83 49	73.2 50.3		
LEXINGTON WB AIRPORT	MAX MIN	64 44	59 33	64 38	63 42	55 48	78 53	68 59	78 55	60 50	65 43	71 48	78 54	79 54	83 59	68 52	71 46	66 57	67 52	68 48	71 52	66 42	67 42	73 45	63 42	66 45	79 52	66 43	61 35	74 45	77 46	70 35	80 40	69.9 48.6
LONDON FAA AIRPORT	MAX MIN	59 47	59 34	64 32	67 41	71 54	77 62	78 61	83 50	61 50	63 50	73 52	71 51	78 47	83 50	71 61	65 47	76 60	69 51	73 47	71 44	73 50	70 44	68 40	73 42	68 42	72 40	76 40	60 31	76 43	77 52	82 40	71.3 47.1	
LOUISVILLE	MAX MIN	67 49	65 34	68 38	68 48	58 43	84 55	72 60	65 58	62 52	69 42	80 56	76 62	85 57	88 63	78 60	67 51	73 48	75 60	71 52	72 44	77 55	73 48	72 40	78 40	84 49	68 46	68 36	75 41	83 52	83 47	85 40	73.8 50.1	
LOUISVILLE WB AP	MAX MIN	65 44	62 33	65 35	60 45	55 47	81 52	70 60	67 58	61 50	66 44	76 48	76 52	80 53	82 58	78 55	67 51	69 47	71 57	67 52	67 47	73 53	66 48	67 41	73 41	79 45	64 36	65 36	73 41	80 52	73 45	81 40	70.5 47.5	
LOVELACEVILLE	MAX MIN	67 55	65 34	68 38	65 43	72 51	76 61	78 60	74 51	60 61	70 40	77 46	82 55	82 40	83 62	77 50	72 49	70 46	73 54	70 53	75 61	73 52	76 48	79 52	75 43	78 43	81 48	74 39	76 44	83 54	88 51	88 55	74.7 50.7	
MAOISONVILLE 1 SE	MAX MIN	67 54	63 35	66 37	66 43	69 48	81 53	78 63	78 58	64 49	68 59	76 50	79 53	83 44	84 51	81 60	70 54	71 48	74 61	73 53	74 54	76 51	74 41	76 43	80 45	79 46	66 36	74 41	83 52	82 45	85 40	74.6 50.1		
NAMMOTH CAVE PARK	MAX MIN	65 55	66 32	69 35	68 42	65 49	82 59	78 62	78 60	61 50	69 45	79 48	78 55	83 55	84 62	80 50	74 46	75 60	69 50	73 48	74 56	70 48	72 40	70 45	79 46	76 45	63 32	74 39	80 55	77 48	82 46	73.8 49.2		
MANCHESTER 4 SE	MAX MIN	61 52	62 34	67 31	70 34	70 50	80 57	85 59	85 53	80 53	63 51	77 52	74 53	82 48	87 51	82 57	80 54	79 42	78 58	72 54	75 44	73 53	77 44	78 45	74 47	78 40	70 32	80 47	83 28	85 32	88 38	75.2 46.1		
MAYFIELD	MAX MIN	69 56	66 36	70 41	66 45	73 52	78 60	75 58	75 60	60 50	69 48	78 54	80 60	81 64	77 64	70 50	74 50	70 46	73 51	76 50	73 48	76 51	73 47	77 44	79 50	77 46	67 45	75 40	85 33	88 40	88 41	74.7 51.8		
MAYSVILLE OAM 33	MAX MIN	63 37	63 30	60 31	65 34	65 34	55 49	80 54	70 59	81 57	64 49	65 47	75 51	74 49	84 52	81 57	66 53	69 44	68 46	68 51	66 43	66 44	72 45	65 38	67 42	76 48	80 48	51 36	63 43	75 48	77 40	74 41	69.8 44.4	
MIDDLESBORO	MAX MIN	62 51	63 38	69 30	73 36	75 49	76 52	81 60	81 59	78 53	65 50	77 53	72 48	77 48	83 50	79 52	73 43	71 57	78 54	79 43	77 52	77 45	73 55	78 44	73 36	76 40	80 49	77 43	73 33	79 43	76 45	84 38	74.0 49.0	
MONTICELLO	MAX MIN	60 54	61 32	66 32	68 37	77 54	81 63	79 68	78 64	68 52	65 49	77 53	74 51	81 54	84 51	81 54	74 54	79 45	71 54	72 50	74 46	74 56	70 40	70 37	80 37	77 48	73 32	77 36	79 40	79 40	76 40	83 40	72.4 48.5	
MOUNT STERLING	MAX MIN	63 54	61 38	64 37	67 41	64 48	79 51	79 60	81 58	64 52	64 47	72 48	77 55	79 52	85 57	83 64	77 54	73 46	71 53	66 46	68 51	71 45	68 46	73 45	77 41	79 45	67 36	74 41	77 45	76 34	84 45	89 45	72.2 48.5	
MOUNT VERNON	MAX MIN	59 53	59 31	63 30	69 36	67 50	80 59	77 59	81 64	74 50	63 48	65 45	70 50	81 60	85 55	72 62	75 55	79 46	72 60	70 46	72 50	71 44	70 45	68 36	72 45	77 49	71 36	55 30	79 40	79 50	84 40	88 44	75.8 52.5	
MURRAY	MAX MIN	74 57	66 36	69 41	69 45	70 54	79 60	80 62	77 60	65 50	69 45	75 50	80 55	83 60	84 65	80 50	79 53	77 60	78 50	74 46	78 51	75 46	78 45	71 45	76 45	82 45	78 35	76 42	75 42	82 54	86 54	88 54	73.9 51.2	
OWENSBORO 2 W	MAX MIN	62 55	64 35	68 37	68 46	64 49	80 57	74 64	71 58	62 50	71 45	78 49	79 57	81 59	84 63	77 66	71 53	71 48	78 52	70 45	74 53	77 59	73 46	73 45	78 45	80 45	76 36	75 41	84 39	80 48	87 48	72.4 50.6		
PADUCAH FAA AIRPORT	MAX MIN	65 46	64 35	66 40	64 44	74 51	75 62	78 64	75 55	65 45	68 40	74 45	75 55	81 61	73 65	79 57	70 50	74 48	76 55	74 52	73 48	76 53	64 48	72 45	75 48	79 45	61 45	65 45	72 45	84 45	80 45	87 45	72.4 50.6	
PADUCAH	MAX MIN	68 56	66 38	70 39	66 44	76 51	78 62	78 61	76 63	69 45	73 45	76 49	81 54	86 59	79 63	70 66	73 53	70 49	77 61	74 53	75 60	71 48	78 48	80 49	77 44	82 48	77 45	65 34	75 36	80 59	86 50	89 54	74.3 49.3	
PARAIOSE STEAM PLANT	MAX MIN	69 46	69 35	66 36	70 42	69 50	69 49	84 61	86 60	80 50	54 45	71 50	79 54	82 55	83 58	85 55	79 52	71 48	75 57	75 52	72 48	76 58	77 42	72 42	79 42	78 45	80 45	59 36	66 44	75 45	84 45	76 45	75.7 48.2	
PIKEVILLE	MAX MIN	61 52	65 40	70 33	71 41	63 43	81 54	78 62	90 58	80 58	62 52	78 54	75 55	82 54	80 51	75 58	72 47	70 45	78 55	71 60	73 45	72 45	73 51	72 39	79 43	83 43	72 36	63 47	81 48	80 48	75 48	83 41	75.1 49.4	
PRINCETON	MAX MIN	69 55	67 32	71 35	66 40	70 50	82 52	74 60	75 62	66 50	70 41	77 51	79 52	84 51	81 52	78 52	72 45	70 49	76 60	72 52	70 47	76 52	73 45	72 47	79 45	67 45	69 45	75 45	80 39	73 48	82 49	86 49	69.9 47.5	
RICHMOND	MAX MIN	63 50	60 31	61 35	64 41	64 49	66 47	78 60	73 58	79 55	80 47	63 47	72 50	77 51	80 57	83 62	79 52	65 45	74 52	71 45	67 49	69 52	71 49	65 49	64 49	75 48	78 48	53 32	61 39	74 50	78 44	81 46	75.5 49.9	
RUSSELLVILLE	MAX MIN	68 56	66 34	69 36	68 41	75 54	83 59	75 62	83 60	73 50	71 43	78 49	80 58	84 59	85 64	78 50	75 46	76 60	74 49	77 50	78 52	65 43	72 43	76 41	81 46	67 45	68 34	76 45						

EVAPORATION AND WIND

KENTUCKY
MAY 1961

Station		Day of month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DEWEY DAM	EVAP	-	-	.12	.17	.08	.12	.19	-	.17	.13	.10	.00	.06	.22	.22	.26	.09	*	*	.39	*	*	.25	.18	.17	.06	.15	-	-	.07	.19	B4.04
	WIND	-	-	13	13	7	4	50	9	53	21	15	9	6	4	4	42	7	0	5	5	4	14	7	3	20	15	8	5	4	5	2	B 378
DIX DAM	EVAP	.07	.11	.18	.20	.17	*	*	.58	.29	.05	.17	.12	.21	.19	.27	.24	.15	.12	.08	.13	.17	.17	.17	.09	.27	.18	.26	.19	.16	.26	.16	5.41
	WIND	62	47	38	40	93	90	57	122	118	103	109	7	44	21	45	99	50	46	36	16	13	21	34	16	13	48	56	30	10	43	15	1542
MADISONVILLE 1 SE	EVAP	.28	.14	.28	.30	.33	.10	-	-	-	.05	.26	.18	.25	.28	.27	.39	.24	.25	.18	.14	.14	.15	-	.20	.15	.00	.21	.28	.24	.32	.21	B6.68
	WIND	56	63	33	32	76	67	101	74	112	49	48	35	46	56	94	97	38	68	38	24	40	6	10	36	26	79	77	28	63	44	39	1655
WOLF CREEK DAM	EVAP	.03	.10	.16	.16	.16	.09	.15	.03	.28	.10	.11	.15	.13	.15	.19	.17	.10	.14	.03	.25	.19	.10	.15	.14	.11	.14	.21	.15	.24	.13	.31	4.55
	WIND	22	16	16	26	34	28	51	35	59	25	39	20	8	5	13	23	6	14	19	15	20	10	10	20	15	25	65	20	25	15	20	719

Dix Dam - Evaporation pan is coated with aluminum paint inside and out each year before being placed in operation.

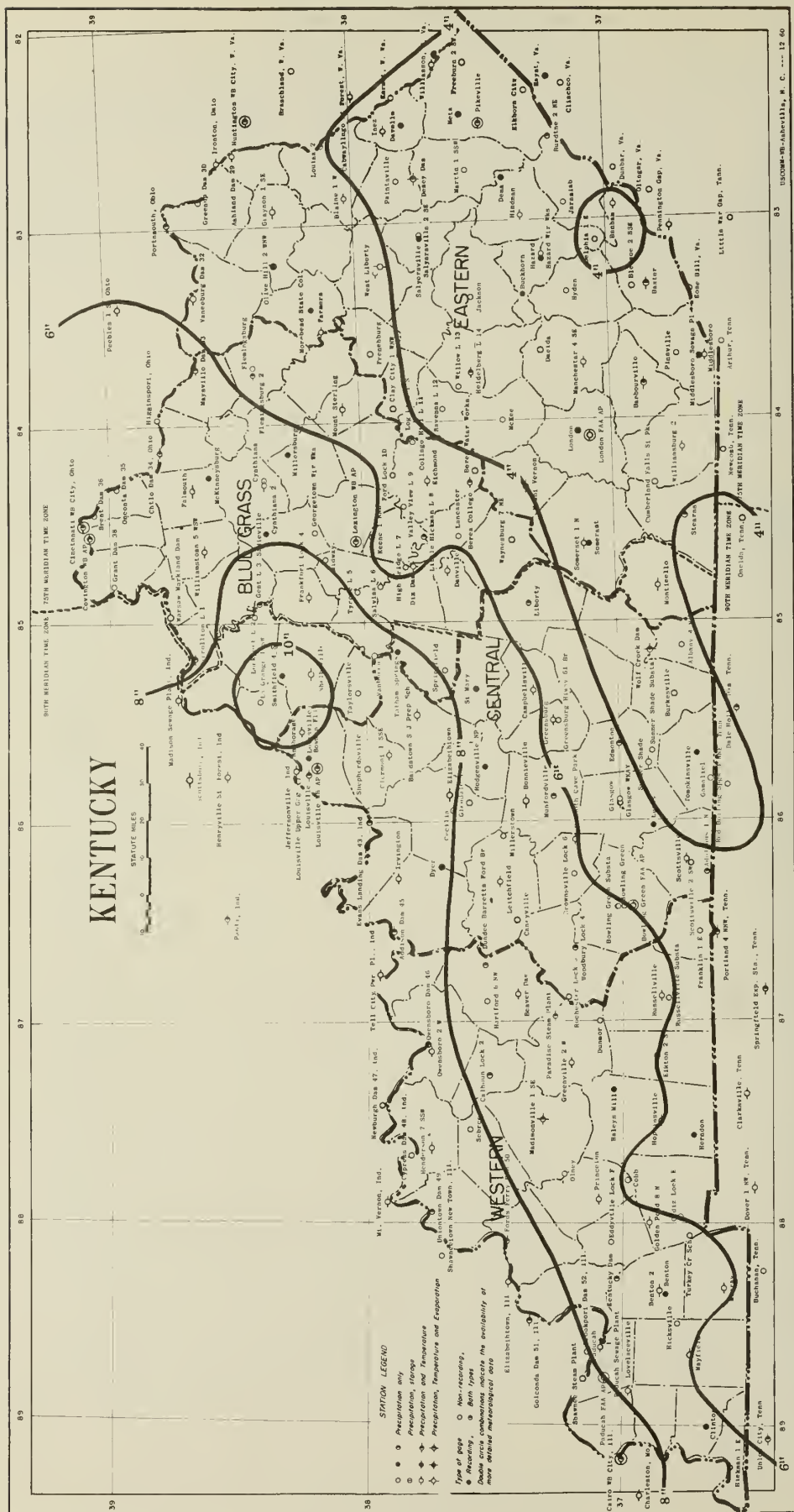
SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BENHAM	SNOWFALL SN ON GND																										T					

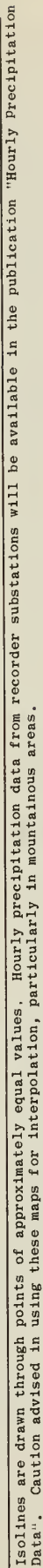
See Reference Notes Following Station Index

TOTAL PRECIPITATION

KENTUCKY
MAY 1961



KENTUCKY
MAY 1961



STATION INDEX

KENTUCKY
MAY 1961

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
							TEMP.	PRECIP.	EVAP.	SPECIAL		
ADOLSON DAM 45	0031	BRECKINRIDGE	7	37 55	86 34	380	6A	5A			C	CORPS OF ENGINEERS
ALBANY 4 N	0039	CLINTON	1	36 45	85 08	1000	7A					CORPS OF ENGINEERS
ANCHORAGE	0155	JEFFERSON	7	38 16	85 33	700	7P	7P				HUBERT BURGER
ASHLAND DAM 29	0254	BOYO	3	38 27	82 36	551	6P	7A				KNOXVILLE FERTILIZER CO
BARBOURVILLE	0381	KNOX	2	36 52	83 53	1000	4P	6P				FEED AVIATION AGENCY
BARSTOWN 5 J PREP SCH	0397	NELSON	8	37 48	85 28	631	5P	5P				HAROLD C. FERROUSON
BAXTER	0450	HARLAN	2	36 51	83 20	1144	7A					LOUISVILLE G. & CO.
BEAVER DAM	0490	OHIO	3	37 25	86 52	441	6P	6P				CORPS OF ENGINEERS
BENHAM	0595	HARLAN	3	36 58	82 27	1585	8A	8A				U.S. WEATHER BUREAU
BENTON	0611	MARSHALL	9	36 51	88 20	395						CORPS OF ENGINEERS
BENTON 2	0615	MARSHALL	9	36 51	88 20	305	5P	5P				BLAINE MALONE
BEREA COLLEGE	0619	NADISON	4	37 34	84 18	1070	6P	6P				WILLARD E. POSTER
BEREA WATER WORKS	0624	NADISON	4	37 33	84 15	1010						HOMER WELBORN, JR.
BLAINE 1 W	0752	LAWRENCE	1	38 02	82 52	690	8A	8A				NATIONAL PARK SERVICE
BONNIEVILLE	0854	HART	3	37 23	85 54	684	5P	5P				NORA S. WHITE
BOWLING GREEN	0904	WARREN	3	37 00	86 26	536	7A					JAMES O. HUGHES
BOWLING GREEN SUBSTA	0907	WARREN	3	37 01	86 26	470	5A					MAYFIELD ELEC. & WTR. CO.
BOWLING GREEN FAA AP	0909	WARREN	3	36 58	86 26	535	MIO	MIO				CORPS OF ENGINEERS
BRENT DAM 36	0978	CAMPBELL	7	37 03	84 25	497	7A					MURRAY STATE COLLEGE
BROWNVILLE LOCK 6	1046	EDMONSON	3	37 12	86 16	405	7A					GEORGE E. O'NEAL
BUCKHORN	1080	PERRY	4	37 21	83 23	936						NELVIE PARLEE NEISZ
BURDINE 2 NE	1120	PIKE	1	37 13	82 35	1643	8A					CITY OF MT. VERNON
BURKESVILLE	1137	CUMBERLAND	2	36 47	85 22	600	4P	7A				DIVA M. LAWLER
CADIZ LOCK E	1206	TRIGG	2	36 46	87 58	384	7A					ALVIN L. BERTRAM
CALMOUN LOCK 2	1227	MC LEAN	3	37 32	87 16	402	7A					PROF. HENRY C. MAGGAN
CAMPBELLVILLE	1256	TAYLOR	3	37 20	85 21	771	6P	6P				FRED CARTMILL
CANEYVILLE	1294	GRAYSON	3	37 25	86 30	600	7A					CITY OF MT. VERNON
CARROLLTON LOCK 1	1345	CARROLL	5	38 41	85 11	480	4P	7A				HERMAN C. PUCKETT
CECILIA	1406	HARLIN	8	37 40	85 57	734	7A					MURRAY STATE COLLEGE
CLAY CITY 1 WNW	1576	POWELL	4	37 52	83 56	712	7A					GEORGE E. O'NEAL
CLERMONT 1 SSE	1611	BULLITT	8	37 55	85 00	540	5P	5P				NELVIE PARLEE NEISZ
CLINTON	1631	HICKMAN	6	36 41	89 05	390	5P					CITY OF MT. VERNON
COBB	1663	CALDWELL	2	36 59	87 47	490	7A					ALVIN L. BERTRAM
COLLEGE HILL LOCK 11	1704	ESTILL	4	37 47	84 06	611	7A					PROF. HENRY C. MAGGAN
COVINGTON WB AIRPORT	1855	BOONE	7	39 04	84 40	869	MIO	MIO				FRED CARTMILL
CUMBERLAND FALLS ST PK	1969	WHITLEY	2	36 50	84 19	1070	5P					CITY OF MT. VERNON
CYNTHIANA	1998	HARRISON	5	38 23	84 18	684	7A					HERMAN C. PUCKETT
CYNTHIANA 2	2003	HARRISON	5	38 23	84 17	719	8A	8A				MURRAY STATE COLLEGE
DANVILLE	2040	BOYLE	4	37 39	84 46	955	7A					GEORGE E. O'NEAL
DAVELLA	2053	NARTIN	1	37 48	82 32	718	7A					NELVIE PARLEE NEISZ
DELPHIA 1 E	2132	PERRY	4	37 02	83 07	1647	6P					CITY OF MT. VERNON
DENA	2139	KNOTT	1	37 25	82 48	850	7A					ALVIN L. BERTRAM
DEWEY DAM	2180	FLOYD	1	37 45	82 47	653	7A	7A				PROF. HENRY C. MAGGAN
DIK DAM	2214	MERCER	4	37 48	84 43	870	4P	7A				FRED CARTMILL
DUNDEE 2 SE	2358	MUHLBERG	3	37 33	86 43	431						CITY OF MT. VERNON
DUNHORN	2366	MUHLBERG	3	37 05	87 00	592	7A					ALVIN L. BERTRAM
DYER	2391	BRECKINRIDGE	1	37 43	86 13	793	7A					PROF. HENRY C. MAGGAN
EDDYVILLE LOCK F	2445	LYON	2	37 03	88 05	420	7A					FRED CARTMILL
EDMONTON	2469	METCALFE	3	37 00	85 37	865	7A					ALVIN L. BERTRAM
ELIZABETHTOWN	2510	HARDIN	3	37 41	85 52	739	6P					PROF. HENRY C. MAGGAN
ELKHORN CITY	2528	PIKE	1	37 18	82 21	800	7A					FRED CARTMILL
ELKTON 2 S	2548	TODD	2	36 47	87 10	520	7A					ALVIN L. BERTRAM
FALMOUTH	2775	PERNETON	5	38 40	84 20	560	6P	7A				PROF. HENRY C. MAGGAN
FARMERS	2791	ROWAN	3	38 12	84 33	888	8A					FRED CARTMILL
FLEMINGSBURG	2903	FLEMING	5	38 25	83 45	858	7A					ALVIN L. BERTRAM
FLEMINGSBURG 2	2908	FLEMING	5	38 25	83 45	911	6P	MIO				PROF. HENRY C. MAGGAN
FORD LOCK 10	2953	MAISON	4	37 54	84 16	660	6A					FRED CARTMILL
FORDS FERRY DAM 50	2961	CRITTENDEN	3	37 28	88 06	356	MIO	6A				ALVIN L. BERTRAM
FRANKFORT LOCK 4	3028	CARROLL	5	38 52	84 52	564	6A					PROF. HENRY C. MAGGAN
FRANKLIN 1 E	3036	SIMPSON	3	36 43	86 34	690	7A					FRED CARTMILL
FREEMAN 2 SW	3046	PIKE	1	37 33	82 10	730	8A					ALVIN L. BERTRAM
FRENCHBURG	3052	MEIFEE	5	37 57	83 39	864	7A					PROF. HENRY C. MAGGAN
GALLATIE 1 S	3112	MORRIS	3	36 38	85 48	759	7A					FRED CARTMILL
GEORGETOWN WATER WORKS	3194	SCOTT	4	38 12	84 33	888	8A					ALVIN L. BERTRAM
GEST LOCK 3	3203	HENRY	4	38 25	85 53	490	7A					PROF. HENRY C. MAGGAN
GLASGOW	3241	BARREN	3	37 00	85 55	780	7A					FRED CARTMILL
GLASGOW WKAY	3246	BARREN	3	37 00	85 55	808	6P	6P				ALVIN L. BERTRAM
GLENDALE 1 E	3252	HARLIN	3	37 36	85 54	710	7A					PROF. HENRY C. MAGGAN
GOLDEN POND 8 N	3295	TRIGG	2	36 54	88 00	393	4P	6P				FRED CARTMILL
GRANT DAM 38	3358	BOONE	7	38 59	84 50	503	7A					ALVIN L. BERTRAM
GRAYSON 1 SE	3392	CARTER	7	38 19	82 56	900	6A	6A				PROF. HENRY C. MAGGAN
GREENSBURG	3430	GREEN	3	37 15	85 30	630	7A					FRED CARTMILL
GREENSBURG 1 S	3435	GREEN	3	37 15	85 30	595	6P	7A				ALVIN L. BERTRAM
GREENUP DAM 30	3443	GREENUP	7	38 37	82 51	538	7A					PROF. HENRY C. MAGGAN
GREENVILLE 2 W	3451	MUHLBERG	3	37 12	87 12	519	5P	5P				FRED CARTMILL
HALES MILL	3539	CHRISTIAN	3	37 03	87 20	740						ALVIN L. BERTRAM
HARTFORD 6 NW	3652	OHIO	3	37 32	86 54	429	8A					PROF. HENRY C. MAGGAN
HAZARD	3709	PERRY	4	37 15	83 12	869	4P	7A				FRED CARTMILL
HAZARD WATER WORKS	3714	PERRY	4	37 15	83 11	880	7A					ALVIN L. BERTRAM
HEIDELBERG LOCK 14	3741	LEE	4	37 33	83 46	663	5P	6A				PROF. HENRY C. MAGGAN
HENDERSON 7 SSW	3762	HENDERSON	7	37 46	87 38	382	6P	6P				FRED CARTMILL
HERNDON	3798	CHRISTIAN	2	36 44	87 34	512						ALVIN L. BERTRAM
HICKMAN 1 E	3816	FULTON	6	36 34	89 10	362	7A					PROF. HENRY C. MAGGAN
HICKSVILLE	3821	GRAVES	9	36 48	88 30	440	7A					FRED CARTMILL
HIGH BRIDGE LOCK 7	3837	JESSAMINE	4	37 49	84 43	544	7A					ALVIN L. BERTRAM
HINDMAN	3899	KNOTT	4	37 20	82 59	1190	5P	5P				PROF. HENRY C. MAGGAN
HODGEVILLE NAT PARK	3929	LARUE	3	37 32	85 44	788						FRED CARTMILL
HOPKINSVILLE	3994	CHRISTIAN	2	36 51	87 30	540	7A					ALVIN L. BERTRAM
HYDEN	4093	LESLIE	4	37 10	82 23	890	7A					PROF. HENRY C. MAGGAN
INEZ	4134	MARTIN	1	37 52	82 32	638	6P	6P				FRED CARTMILL
IRVINGTON	4165	BRECKINRIDGE	3	37 53	86 17	644	7P	7P				ALVIN L. BERTRAM
JACKSON	4196	BREATHITT	4	37 33	83 23	795	7A					PROF. HENRY C. MAGGAN
JERENTIAH	4255	LETCHER	4	37 10	82 56	1150	5P					FRED CARTMILL
KENNE 1 SSW	4369	JESSAMINE	4	37 57	84 38	941	7A					ALVIN L. BERTRAM
KENTUCKY DAM	4424	LIVINGSTON	9	37 01	88 16	662	5A					PROF. HENRY C. MAGGAN
LA GRANGE 2 NWW	4595	OLOHAM	7	38 26	85 23	880	5P					FRED CARTMILL
LANCASTER	4620	GARRARD	4	37 37	84 35	1032	8A					ALVIN L. BERTRAM
LEITCHFIELD	4703	GRAYSON	3	37 29	86 18	662	6P	6A				PROF. HENRY C. MAGGAN
LEXINGTON WB AIRPORT	4744	FAYETTE	4	38 02	84 36	979	MIO	MIO				FRED CARTMILL
LIBERTY	4755	CASEY	3	37 21	84 55	772	7A					ALVIN L. BERTRAM
LITTLE HICKMAN LOCK 8	4825	JESSAMINE	4	37 45	84 35	521	7A					CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	HENRY	1	38 26	84 58	485	7A					HUBERT BURGER
LOGGICK 1 S	4882	CLARK	4	37 51	84 02	773						KNOXVILLE FERTILIZER CO
LONDON	4893	LAUREL	2	37 08	84 04	1195						FEED AVIATION AGENCY
LONDON FAA AP	4898	LAUREL	2	37 05	84 05	1191	MIO	MIO				HAROLD C. FERROUSON
LOUISA 2	4946	LAWRENCE	1	38 07	82 36	585	8A					LOUISVILLE G. & CO.
LOUISVILLE	4949	JEFFERSON	7	38 14	85 46	462	8A					CORPS OF ENGINEERS
LOUISVILLE BOWMAN FLO	4951	JEFFERSON	7	38 13	85 40	558						CORPS OF ENGINEERS
LOUISVILLE WB AP	4954	JEFFERSON	1	38 11	85 44	474	MIO	MIO				U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	JEFFERSON	7	38 17	85 48	403	6A					CORPS OF ENGINEERS
LOVELACEVILLE	4967	BALLAR	6	36 58	88 50	370	5P					BLAINE MALONE
LUCAS	5002	BARREN	3	36 53	88 02	738						WILLARD E. POSTER
MAISONVILLE 1 SE	5067	HOPKINS	3	37 19	87 29	439	5P	7A	TA			HOMER WELBORN, JR.
MANHOTH CAVE PARK	5091	JACKSON	2	37 26	80 20	1000						NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	CLAY	4	37 06	83 43	850	6P	7A				NORA S. WHITE
MARTIN 1 SSW	5171	FLOYD	1	37 33	82 45	655	7A					JAMES O. HUGHES
HAYFIELD	5230	GRAVES	6	36 44	88 39	364	6P	7A				MAYFIELD ELEC. & WTR. CO.
MARTINSVILLE DAM 33	5243	MASON	7	38 38	83 42	515	7A					

51.05
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U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

JUNE 1961
Volume 56 No. 6



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KENTUCKY - JUNE 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 96° on the 30th at Fords Ferry Dam 50 and on the 11th at Mayfield

Lowest Temperature: 36° on the 16th at Grayson 1 SE

Greatest Total Precipitation: 10.38 inches at Bowling Green

Least Total Precipitation: 2.27 inches at Brent Dam 36

Greatest One-Day Precipitation: 4.93 inches on the 15th at Dunmor

CLIMATOLOGICAL DATA

KENTUCKY
JUNE 1961

Station	Temperature										Precipitation														
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No of Days				
										Max	Min.	90° or Above	32° or Below					80° or Below	60° or Below	Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
WESTERN																									
BEAVER DAM	82.6	59.0	70.8		90	30+	49	16	9	2	0	0	0	8.80		4.10	14	.0	0		6	4	4		
BENTON 2	80.0	58.8	69.4		89	2+	48	25+	17	0	0	0	0	4.92				.0	0						
FORDS FERRY DAM 50	83.7	61.1	72.4		96	30	52	17	7	4	0	0	0	6.70	2.98	3.08	10	.0	0		6	4	2		
GOLDEN POND B N	84.3	58.0	71.2		92	30+	48	25+	9	6	0	0	0	3.98		1.30	15	.0	0		5	4	2		
GREENVILLE 2 W	82.5	59.8	71.2	- 3.4	91	30	49	16	11	1	0	0	0	7.81	3.72	2.80	14	.0	0		6	4	3		
HENDERSON 7 SSW	83.0	60.3	71.7	- 4.0	92	30	49	17	10	1	0	0	0	4.30	.63	1.49	21	.0	0		6	3	2		
HICKMAN 1 E	84.6	60.9	72.8		93	30	50	22	12	8	0	0	0	3.82		2.85	15	.0	0		2	2	1		
HOPKINSVILLE	83.0	60.4	71.7	- 3.9	91	2	50	16	17	1	0	0	0	6.02	1.87	2.83	15	.0	0		4	3	2		
LOVELACEVILLE	84.8	60.2	72.5	- 3.9	92	30+	49	22	6	8	0	0	0	6.43	2.81	2.55	14	.0	0		6	4	2		
MADISONVILLE 1 SE	83.3	59.9	71.6		92	30	50	17	8	1	0	0	0	2.86		1.87	15	.0	0		5	1	1		
MAYFIELD	84.4M	61.7M	73.1M		96	11	50	22	5	4	0	0	0	2.79		1.39	15	.0	0		2	2	2		
MURRAY	84.6	62.1	73.4	- 2.8	95	30	52	22+	3	7	0	0	0	4.02	.70	1.97	15	.0	0		5	2	2		
OWENSBORO 2 W	84.9	60.9	72.9	- 2.4	95	30	52	22+	5	8	0	0	0	3.02	-.88	.91	15	.0	0		6	3	0		
PADUCAH FAA AIRPORT	82.6	61.7	72.2		90	30+	51	17+	8	3	0	0	0	6.00		2.21	14	.0	0		6	4	2		
PADUCAH	85.8	61.1M	73.5M		95	30	49	22	4	8	0	0	0	6.21	2.51	2.82	15	.0	0		6	3	2		
PARADISE STEAM PLANT	82.2	59.4	70.8		91	30+	50	16	16	2	0	0	0	5.15		2.25	15	.0	0		6	3	2		
PRINCETON	83.8	58.8	71.3	- 4.4	93	30+	49	25	8	5	0	0	0	3.95	.01	1.70	15	.0	0		5	2	2		
RUSSELLVILLE	83.0	59.3	71.2	- 4.4	92	30	48	16	9	3	0	0	0	7.43	3.55	2.34	15	.0	0		7	4	3		
DIVISION			71.9	- 3.8										5.23	1.42			.0							
CENTRAL																									
ADDISON DAM 45	81.9	56.7	69.3		90	13	46	1	26	1	0	0	0	4.42	.69	1.33	3	.0	0		8	4	1		
ANCHORAGE	79.8	58.0	68.9	- 3.7	90	12	46	16	22	1	0	0	0	4.69	.66	1.13	15	.0	0		8	4	3		
BARDSTOWN S J PREP SCH	83.5	57.5	70.5		91	12	46	17+	12	2	0	0	0	4.63		1.60	6	.0	0		6	4	2		
BONNIEVILLE	82.6	57.3	70.0		90	1	46	17	14	1	0	0	0	5.80		1.47	15	.0	0		9	4	3		
BOWLING GREEN FAA AP	82.7	60.4	71.6	- 4.8	93	30	51	16	6	3	0	0	0	9.38	5.44	2.22	8	.0	0		8	6	4		
CAMPBELLVILLE	81.9	59.6	70.8		89	29+	48	16	6	0	0	0	0	6.39		2.49	15	.0	0		8	2	2		
CECILIA	81.3	57.0	69.2	- 4.5	89	13	46	1	25	0	0	0	0	3.72	-.41	1.26	15	.0	0		6	4	1		
CLERMONT 1 SSE	85.0	57.7	71.4		93	30	45	18+	12	7	0	0	0	5.91		1.27	6	.0	0		8	6	3		
ELIZABETHTOWN	81.6	57.8	69.7		91	12	46	22+	15	1	0	0	0	2.71		1.13	15	.0	0		4	2	1		
GLASGOW WKAY	81.8	59.9	70.9		90	30	50	16	8	1	0	0	0	10.13		2.98	9	.0	0		9	7	3		
GREENSBURG	82.1	57.9	70.0	- 4.5	90	12	45	1	15	1	0	0	0	7.06	2.22	1.90	15	.0	0		9	5	2		
IRVINGTON	84.0	58.9	71.5	- 3.0	94	12	43	16	14	5	0	0	0	2.38	- 1.86	1.00	15	.0	0		4	1	1		
LEITCHFIELD	81.4	60.5	71.0	- 3.6	89	30+	49	16	12	0	0	0	0	4.42	.02	1.40	15	.0	0		8	3	2		
LOUISVILLE	82.1	61.7	71.9		93	13	52	15	10	3	0	0	0	3.83		1.24	3	.0	0		6	3	2		
LOUISVILLE WB AP	79.9	57.8	68.9	- 5.3	88	30+	47	16	23	0	0	0	0	3.59	-.47	1.13	15	.0	0		6	2	1		
MAMMOTH CAVE PARK	79.2	59.2	69.2		86	30+	49	17+	13	0	0	0	0	7.75		3.06	15	.0	0		6	4	3		
SCOTTSDALE	82.0	59.7	70.9		90	30	50	16	8	1	0	0	0	9.66		3.45	14	.0	0		10	4	2		
SUMMER SHADE	82.2	58.8	70.5		90	30	48	16	11	1	0	0	0	8.33		1.76	5	.0	0		11	5	4		
WOLF CREEK DAM	82.5	56.2	69.4		89	13+	43	1	12	0	0	0	0	4.22		1.02	9	.0	0		9	4	1		
DIVISION			70.3	- 4.2										5.74	1.54			.0							
BLUE GRASS																									
BEREA COLLEGE	82.4	57.3M	69.9M	- 4.0	90	30	46	16	10	1	0	0	0	7.14	2.34	2.45	9	.0	0		9	4	2		
CARROLLTON LOCK 1	81.8	58.1	70.0		90	30+	47	16	16	3	0	0	0	3.27	-.57	1.08	15	.0	0		5	3	1		
COVINGTON WB AIRPORT	81.1	59.1	70.1	- 1.7	94	12	47	22	23	4	0	0	0	2.28	- 1.76	.86	2	.0	0		5	2	0		
CYNTHIANA 2	78.4	54.6	66.5		92	30	45	24+	62	2	0	0	0	5.57		1.83	15	.0	0		7	4	2		
DANVILLE	80.1	56.8	68.5		89	13	45	16	19	0	0	0	0	5.61	1.01	1.12	9	.0	0		8	5	2		
DIX DAM	81.7	59.5	70.6		90	30	48	17+	9	1	0	0	0	7.67		1.39	7	.0	0		10	5	4		
FALMOUTH	82.3	56.5	69.4		92	30+	46	16	15	3	0	0	0	4.37	.22	2.31	15	.0	0		6	2	1		
FLEMINGSBURG 2	80.0	56.9	68.5		90	12	44	16	23	1	0	0	0	5.27		1.40	9	.0	0		9	4	3		
FRANKFORT LOCK 4	81.3	57.0	69.2	- 5.0	91	13	47	1	24	2	0	0	0	4.67	.86	1.61	3	.0	0		9	3	1		
LEXINGTON WB AIRPORT	80.2	59.9	70.1	- 2.9	90	30	46	16	21	1	0	0	0	5.12	.91	1.39	9	.0	0		9	3	2		
MAYSVILLE DAM 33	79.8	55.3	67.6	- 5.2	90	13	43	16	36	1	0	0	0	5.31	1.19	1.58	14	.0	0		8	4	1		
MOUNT STERLING	80.6	58.7	69.7		88	30	44	16	13	0	0	0	0	4.69	.20	1.67	9	.0	0		7	3	2		
SHELBYVILLE	79.1	58.0	68.6	- 4.8	89	13+	46	16+	30	0	0	0	0	4.10	-.39	1.04	3	.0	0		6	4	1		
WARSAW MARKLAND DAM	81.4	57.7	69.6	- 3.4	91	30+	42	16	20	3	0	0	0	4.20	.16	2.40	15	.0	0		4	3	1		
WILLIAMSTOWN 5 WSW	79.1	56.3	67.7	- 6.5	91	13	45	22+	40	1	0	0	0	5.31	1.29	2.40	15	.0	0		7	3	2		
DIVISION			69.1	- 4.6										4.97	.66			.0							
EASTERN																									
ASHLAND			M															.0	0						
BARBOURVILLE	82.1M	56.8M	69.5M		89	2	49	24+	9	0	0	0	0	5.41		1.45	21	.0	0		9	5	1		
BAXTER	80.3	56.9	68.6		90	12	42	1	18	1	0	0	0	4.61		.85	15	.0	0		11	3	0		
BENHAM	81.3M	55.0M	68.2M		90	30	43	1	21	1	0	0	0	3.67		.85	15	.0	0		10	2	0		
BLAINE 1 W	81.3	54.9	68.1		90	14+	45																		

CLIMATOLOGICAL DATA

KENTUCKY
JUNE 1961

CONTINUED

CONTINUED

Station	Temperature												Precipitation										
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No of Days		
										Max		Min.						Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
										60° or Above	32° or Below	32° or Below	64° or Below										
MIDDLESBORO	81.8	56.5	69.2		90	11	49	24+	7	1	0	0	0	5.22		1.09	21	.0	0		10	5	1
MONTICELLO	81.7	58.2	70.0		89	11	48	16	8	0	0	0	0	5.11		1.26	9	.0	0		9	4	2
PIKEVILLE	83.0	59.4	71.2		93	12	52	18+	1	5	0	0	0	6.43	1.96	2.73	15	.0	0		9	5	1
SOMERSET 1 N	81.1	56.2	68.7		90	12	43	27	19	1	0	0	0	4.02		1.12	15	.0	0		6	3	1
STEARNS	79.6	57.8	68.7		85	30+	49	27	17	0	0	0	0	6.39		1.34	21	.0	0		12	5	2
VANCEBURG DAM 32	81.4	57.3	69.4		91	12	47	16	13	1	0	0	0	6.24	1.99	1.44	10	.0	0		10	5	1
WEST LIBERTY	82.2	54.4	68.3		94	13	44	16+	26	4	0	0	0	6.27		1.28	9	.0	0		10	4	4
WILLIAMSBURG 2	84.0	57.6	70.8	- 3.7	93	12	44	1	6	5	0	0	0	4.91	1.16	1.21	21	.0	0		10	3	1
DIVISION			68.9	- 4.5										5.44	1.20			.0					

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
COVINGTON WB AIRPORT	SSW	24	8.4	23	WNW	2+	79	84	50	55	5	4	3	2	0	0	14	-	6.3
LEXINGTON WB AIRPORT	S	15	8.0	-	-	-	84	86	56	64	1	4	6	1	2	0	14	-	5.6
LOUISVILLE WB AIRPORT	SSE	13	6.4	27	S	5	90	92	64	65	3	3	4	1	1	0	12	57	5.5

See Reference Notes Following Station Index

DAILY PRECIPITATION

KENTUCKY
JUNE 1961

Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADDISON DAM 45	4.42			1.33			.13		.09	.30	.43			.78	.12	.66		.58															
ALBANY 4 N	5.56				.24		.17	.68	.19	.17	.92	.09			.54	.65	.87					.64											
ANCHORAGE	4.69	-	T	1.10	-	-		.04	.26	.13			-	-	.16	.13																	
ASHLAND																.69																	
BARBOURVILLE	5.41			.10		.08	.78		.12	.68	.06			.90	.33	.76						1.45	T		.10	.01	.03	.05					
BARSTOWN S J PREP SCH	4.63					.68	1.60		.16	.43	.60					1.16																	
BAXTER	4.61				.01	.04		.20	.09	.45	.34	.18		.48	.52	.85		.27				.75	.02		.28	T	T	.13					
BEAVER DAM	8.80			.11		.03		1.52	.38	1.01				.05	4.10	1.60																	
BENHAM	3.67				.21		.06	.04	T	.47	.18	.26	.10		.16	.03	.85					.58	.07						.41				
BENTON 2	4.92			.04	.23	.09		.05	1.08	.37			*	1.37	.87	.78									.02				.41				
BEREA COLLEGE	7.14			.50			.39	.59	.21	2.45	T			.30		2.19							.29				.22						
BEREA WATER WORKS	7.78			.50		.03	.50	.61	.33	2.15	.62				.80	1.13	.85						.22	.04									
BLAINE 1 W	5.84				.14		.49		.62	1.45	.44	.05			.12	1.42	.02	.03					.24	.07		.22	.03		.02				
BONNIEVILLE	5.80			.22		.20		.60	.15	1.29				.14	.21	1.47							.09										
BOWLING GREEN	10.38						1.55	.21	.35	2.00	.90				2.05	.05	3.12	.05															
BOWLING GREEN SUBSTA								1.44	.16	.75	1.43	1.12			1.81		3.05	.12															
BOWLING GREEN FAA AP	9.38					.78	.28	.45	2.22	1.74			1.12		.60	2.12					.07												
BRENT DAM 36	2.27	T		.71	.02		.78	.10	.06	.01	.89		.01		.28	.18		.01															
BROWNSVILLE LOCK 6	5.84						.45	.55	.14	.97	.24			.49		2.90																	
BURDINE 2 NE	5.13				.12		.88	.04	.34	.32	.34				.04	1.80	.47					.64			.06	.08							
BURKESVILLE	5.67						.45	.23	.08	1.16	.33			1.43	.39	1.01	.07					.52	T										
CADIZ LOCK E	3.27						.12	.10		.86	.73					1.36	.10																
CALMOUN LOCK 2	4.14			.02		.21		.14	.36	.30				.16	.32	2.55	.08																
CAMPBELLSVILLE	6.39			.23		.10	.29	.23	.08	2.22	T			.31		2.49						T	.41					.03					
CANEYVILLE	4.89			.05		.05		.04	.52	.46	.71			.70	.03	2.15	.18																
CARROLLTON LOCK 1	3.27	T		.68			T	.95	T	T	.16				.37	1.08	.03																
CECILIA	3.72			.05			.01	T	.01	.83	.70				.11	.06	1.26	.12					.57										
CLAY CITY 1 WNW	8.17			2.16	.16		.25	.36	.05	1.14	1.45	T			1.82	1.10	.25																
CLERMONT 1 SSE	5.91			.61		1.01	1.27	.35			.99	.72			.57	T	.88	T															
COBB	4.39																																
COLLEGE HILL LOCK 11	7.61			1.25	.06		.35	1.16	.13	1.08	1.30				.60	.92	.31						.45				T	T	T				
COVINGTON WB AIRPORT	2.28			.86		.05		.13	T	.02	.29	T			.03	.56	.28					.06											
CUMBERLAND FALLS ST PK	5.16			.04		.50	.20		.80	1.35	.08			.35	.04	.80						.02	.96							.02			
CYNTHIANA	5.41	T		.89	.02	.19		.10	.52	1.22	.43	T			.14	1.79	.11																
CYNTHIANA 2	5.57			.86	.02			.26	1.05	.95	.44	.03				1.83	.03							.10									
DANVILLE	5.61			.73	.03	.40		.71	.06	1.12	.72	T			T	1.09	.40						.35						.08				
DELPHIA 1 E	-			.11		.10		.10	.45	.84	.25		.08		.35	.45	.55									.19		.16		.08	.11		
DEWEY DAM	5.50				.50		.51	.03	.72	1.35	.56	.02				.40	1.37	.20					.22										
DIX DAM	7.67			1.03	.03		.96	1.39	.44	1.02	.41	T			.70	.12	2.68	.08															
DUNDEE 2 SE	5.95			.18			.09		.62	.78	.70																						
DUNMORE	7.42						.60	.18	.27	*	1.10				.14	4.93	.12					.08											
EDDYVILLE LOCK F	3.19						.06				.68					2.33	.06					.06											
EDMONTON	6.42						1.00	1.07	.20	1.27	.44				.45	.05	1.25	.05					.64										
ELIZABETHTOWN	2.71			.13		T	T	T	.38	.92			T		.07	T	1.13																
ELKHORN CITY	5.80				.30		.25	.29	.12	.17	.50	.25			.89	.20	1.25	.77					.65				.10		.06				
ELKTON 2 S	5.11				T		.20	.06	.28	1.97	.47					2.00	.08						.05										
FALMOUTH	4.37			.67	.06		.05	.32	.42	.05	.28					2.31	.04																
FARMERS	5.69			.91	.09		.07	.26	.16	.33	.98	.55	.02		.19	1.76	.12							.37	.02		.02	.01					
FLEMINGSBURG	4.59	T		.49	.07		.07	.11	.35	.72	1.15			.01	*	*	1.45																
FLEMINGSBURG 2	5.27	T		T	.70		.07	.14	.17	.45	1.40	.13			.14	1.00	1.07	T				T	T										
FORD LOCK 10	6.73	T		1.70	.15		.49	.54	.05	.95	.69	T			.17	1.21	.46						.32	T									
FOROS FERRY DAM 50	6.70			.11			.12		.08	.51	3.08				.05	1.90	.06						.77	.02									
FRANKFORT LOCK 4	4.67	T		1.61	.03		T	.12	.33	.37	.66				.40	.81	.16						.01										
FRANKLIN 1 E	7.09						T	T	2.04	.27				2.43		2.35																	
FREEBURN 2 SW	6.19			</																													

DAILY PRECIPITATION

KENTUCKY
JUNE 1961

Continued

Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
OWENSBORO OAM 46	4.00			.43			.03		.02	.21	.15			.87	.70	.88	.71						T										
PAUCAM FAA AIRPORT	6.20					1.63	.92	.01	.55	.25					.55	.25					.38												
PAUCAM	6.21					.28		.62	.45	.37					1.67	2.82																	
PAINTSVILLE	5.74			.60	.35		.23	.20	.36	1.05	1.17	.10				.55	.59						.32	.22									
PARADISE STEAM PLANT	5.15						.03		.89	.27	1.34				.24	2.25	.13																
PIKEVILLE	6.43			.16		.12	.63	.03	.66	.49	.65					.28	2.73				.02	.54					.03		.09				
PINEVILLE	4.96				.44		.09	.22	.06	.09	.73	.08			.14	.53	.82					.93	.02		.02		.20			.08			
PRINCETON	3.95							.45	.19	.36						1.25	1.70																
RAVENNA LOCK 12	5.62			.73	.25			.15	1.80	.68					.10	1.10	.62											.09					
ROCHESTER LOCK 3	6.69						.16	.07	.91	.60	.84				.07	3.94	.08					.02											
RUSSELLVILLE	7.43						.23	.62	.08	1.96	1.65				.33	2.34	.17					.05											
RUSSELLVILLE SUBSTA	7.11						.28	.38	T	1.97	1.93				.26	2.25					.04												
SALVISA LOCK 6	5.79			1.21			.24	.26	.41	1.42	.42					1.58	.14					.11											
SALYERSVILLE 2 SE	6.30			.38	.50		.12	.71	.03	.80	1.52	.44				.36	.33					.32	.10	.06									
SCOTTSVILLE	9.66					.10		.35	.86	2.84	.13		.08	.15	3.45	.97					.29	.44											
SCOTTSVILLE 2 SW	9.18						.05	.08	.35	3.25	.25			.35	.03	4.10	.02					.70											
SEBREE	3.80					T				.40			.30		1.90	1.20																	
SHAWNEE STEAM PLANT	4.49							.49	T	.85	.48					2.20	.15					.19								.13			
SHELBYVILLE	4.10			1.04	T		.07	.77	.91	.05	.16					.89	.20																
SHEPHERSVILLE	5.10			.67			2.23	.35	.32	.21	.15			.07	.02	.80	.23					.05											
SOMERSET 1 N	4.02			.05		.88		.09	.23	.82	.02			.44	.08	1.12					.05	.24											
SPRINGFIELD	7.16			.82			1.13	1.92	.07	.85	.92					1.10	.21																
STEARNS	6.39				.13		.74	.27	.85	.76	.23	.24		.16	.18	1.08	.31					1.34	.05								.05		
SUMMER SHADE	8.33			.05		1.76	.15	1.03	.42	1.16			1.70	.48	.10	.87					.22	.39											
SUMMER SHADE SUBSTA	7.02				T		1.10	1.12	.09	1.18	.34			1.05		1.42	.09					.62			.01								
TAYLORSVILLE	6.49			1.05	.03		.17	.70	.96	.48	1.40			T		1.40	.25					.05											
TURKEY CREEK SCHOOL	4.14					.27	.12			.85	1.15					1.59	.08					.08											
TYRONE LOCK 5	6.32			1.18	.07		.12	.34	.56	1.15	.40					1.35	.19					.17										.79	
UNIONTOWN OAM 49	4.06				.08			.15	T	.13	.91					.64	1.71	.34															
VALLEY VIEW LOCK 9	6.94			1.75	.05		.28	.75	.10	1.44	.23			.05	.37	1.27	.29					.30											
VANBUREN	5.96				.62	.08	.27	.07	1.52	1.70	.42					.81	.15					.04										.28	
VANCEBURG OAM 32	6.24				.20	.48	.98	.10	.23	.73	1.44				.90	.97	.11				.09	.01											
WARSAW MARKLAND OAM	4.20			.02				.80	.10	T	.02					.07	2.40	.04															
WAYNESBURG 7 NE	6.91				.22	T		.55	.21	1.5	2.59	.70	.31	.21	.13	1.32	.20					.30	.02										
WEST LIBERTY	6.27			1.09	.41		.21	.13	.06	1.28	1.00	T			.25	1.10	.28					.32	.05						.08		.01		
WILLIAMSBURG 2	4.91					.03	.50	.04	.02	.40	.29	.31		.36	.32	.86	.34					1.21	.18							.02	.03		
WILLIAMSTOWN 5 WSW	5.31			T		.21		.37	1.44	.05	.18					2.40	.10																
WILLOW LOCK 13	6.40				.27	.22	T	.10	.11	1.15	1.02	.22			.33	1.56	1.02					.20											
WOLF CREEK OAM	4.22				T		.33	.16	1.02	.19	.03			.54	.44	.89	.10					.52	T										
WOODBURY LOCK 4	4.92						.17	.08	.15	.68	.64			.40		2.68	.08					.04											

See reference notes following Station Index

MONTHLY AND SEASONAL SNOWFALL

Season of 1960 - 1961

KENTUCKY

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
ADOLSON DAM 45						-	5.3	9.3	T	T			-
ALBANY 4 N						-	-	-	-	-			-
ANCHORAGE					T	9.8	6.6	11.4	T	T			27.8
ASHLAND					T	2.5	12.0	5.6	.9	.6			21.6
BARBOURVILLE						-	6.0	-	-	-			-
BARSTOWN 5 J PREP SCH						-	5.3	7.3	-	1.8			-
BAXTER					T	-	-	8.0	1.2	1.5			-
BEAVER DAM					T	8.0	12.6	7.0	4.0	3.0	T		34.6
BENHAM						-	-	-	-	-			-
BENTON 2						-	7.0	2.0	T	T			-
BEREA COLLEGE						3.5	7.0	3.0	.5	-			14.0
BEREA WATER WORKS						-	6.0	2.6	.3	T			-
BLAINE 1 W						-	-	-	-	-			-
BONNIEVILLE					-	3.5	-	-	-	T			-
BOWLING GREEN						-	-	-	-	-			-
BOWLING GREEN FAA AP						2.8	9.0	.3	-	T			12.1
BRENT DAM 36						5.5	-	10.0	-	T			-
BROWNSVILLE LOCK 6						.4	-	-	-	-			-
BUROINE 2 NE						-	-	-	1.0	1.3			-
BURKESVILLE					-	-	-	2.0	-	-			-
CAO12 LOCK E						-	-	6.0	-	-			-
CALHOUN LOCK 2						-	-	-	-	-			-
CAMPBELLVILLE						2.0	5.7	5.0	.5	T			13.2
CANEYVILLE						4.0	4.0	6.7	.6	T			15.3
CARROLLTON LOCK 1					T	-	-	10.0	-	T			-
CECILIA						2.0	4.0	-	T	T			-
CLAY CITY 1 WNW						-	-	5.3	-	-			-
CLERMONT 1 SSE					T	4.5	-	-	-	T			-
COBB						-	-	-	-	-			-
COLLEGE HILL LOCK 11						2.0	4.0	1.0	T	T			7.0
COVINGTON WB AIRPORT					T	12.5	6.9	13.3	1.4	1.4			35.5
CUMBERLAND FALLS ST PK						-	-	-	-	-			-
CYNTHIANA					T	5.5	8.7	7.7	2.0	1.5			25.4
CYNTHIANA 2						-	10.0	-	1.0	1.5			-
DANVILLE						4.1	10.9	4.0	.3	4.0			23.3
DELPHIA 1 E						-	-	-	-	-			-
DEWEY DAM						1.0	10.0	2.0	-	T			-
DIX DAM						-	-	-	-	-			-
DUNDEE 2 SE						5.0	-	-	-	-			-
DUNMORE						1.2	6.0	5.1	T	-			12.3
EDDYVILLE LOCK F						4.5	4.0	-	-	-			-
EDMONTON						-	-	-	-	-			-
ELIZABETHTOWN					T	4.9	7.4	-	T	.6			-
ELKHORN CITY						1.0	6.6	-	1.0	-			-
ELKTON 2 S						T	2.5	T	T	T			2.5
FALMOUTH					T	3.0	5.5	5.5	T	T			14.0
FARMERS					T	3.6	8.4	4.0	.5	1.2			17.7
FLEMINGSBURG					T	2.3	-	4.0	-	-			-
FLEMINGSBURG 2					T	-	-	-	-	1.3			-
FORO LOCK 10						-	-	8.0	T	T			-
FOROS FERRY DAM 50						5.0	4.5	3.8	T	-			-
FRANKFORT LOCK 4						6.0	-	6.1	.3	-			-
FRANKLIN 1 E						T	-	-	-	-			-
FREEBURN 2 SW						-	-	-	T	-			-
FRENCHBURG					T	-	-	-	-	-			-
GAMALIEL 1 S					T	.9	-	.3	T	-			-
GEORGETOWN WATER WORKS						-	7.3	7.2	T	1.5			-
GEST LOCK 3						-	-	4.0	-	-			-
GLASGOW						3.5	9.0	-	T	-			-
GLASGOW WKAY						2.3	6.0	3.0	1.0	-			12.3
GLENDAL 1 E						-	-	7.5	.5	-			-
GOLDEN POND 8 N						-	-	2.0	-	-			-
GRANT DAM 38						-	9.1	5.5	-	T			-
GRAYSON 1 SE					T	.5	9.5	2.8	T	-			12.8
GREENSBURG						4.0	7.0	5.5	2.0	-			18.5
GREENSBURG 1 S						-	-	-	-	-			-
GREENUP DAM 30					T	.8	5.7	5.5	T	.5			12.5
GREENVILLE 2 W						-	6.5	-	-	-			-
HARTFORD 6 NW					T	4.5	6.5	4.0	T	-			15.0
HAZARD WATER WORKS						-	-	-	-	-			-
HEIDELBERG LOCK 14						3.0	8.0	1.5	-	T			12.5
HENDERSON 7 SSW						5.5	4.0	6.5	T	T			16.0
HICKMAN 1 E						-	-	-	-	T			-
HIGH BRIDGE LOCK 7						-	-	-	-	-			-
HINOMAN					T	2.4	8.5	-	T	1.0			-
HOPKINSVILLE						1.8	5.3	-	-	T			-
HYOEN						-	8.5	6.0	-	1.0			-
INEZ						-	10.0	4.0	-	-			-
IRVINGTON					T	9.0	6.5	12.5	.5	2.0			30.5
JACKSON						-	-	-	-	-			-
JEREMIAH						1.9	-	2.6	1.4	2.0			-
KEENE 1 SSW					T	2.0	8.0	3.0	T	1.5			14.5
LA GRANGE 2 NNW						-	-	13.5	T	.5			-
LANCASTER						-	-	-	-	-			-
LEITCHFIELD						-	8.3	7.1	.2	T			-
LEXINGTON WB AIRPORT					T	5.0	6.2	4.6	T	2.9			18.7
LIBERTY						-	-	-	-	-			-
LITTLE HICKMAN LOCK 8						-	-	-	T	T			-
LOCKPORT LOCK 2						-	-	8.0	-	-			-
LONDON FAA AIRPORT					T	3.0	6.0	2.0	1.0	.8			12.8
LOUISA 2						1.5	11.5	2.0	T	T			15.0
LOUISVILLE						5.0	3.3	14.6	T	T			22.9
LOUISVILLE WB AP						9.0	3.8	12.5	.4	-			25.7
LOUISVILLE UPPER GAGE					T	5.0	6.2	11.1	T	.4			22.7
LOVELACEVILLE						-	-	-	-	T			-

See Reference Notes Following Station Index

MONTHLY AND SEASONAL SNOWFALL

CONTINUED

Season of 1960 - 1961

KENTUCKY

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
MADISONVILLE 1 SE						4.5	3.4	-	T	T			-
MAMMOTH CAVE PARK						3.5	6.8	4.2	4				14.9
MANCHESTER 4 SE						-	-	1.0	T	T			-
MARTIN 1 SSW						2.0	7.5	-					-
MAYFIELD						1.5	-	-					-
MAYSVILLE DAM 33					T	-	-	5.5	-	-			-
MCKEE						-	-	3.0		2.5			-
MIDDLESBORO						1.8	6.0	3.8	1.0	T			12.6
MIDWAY						4.0	-	-		T			-
MILLERSTOWN						2.3	-	6.4	.5				-
MDNTICELLO						1.5	-	2.0	.5				-
MOUNT STERLING					T	-	-	6.5	-	3.0			-
MDUNT VERNON			-	-	-	-	-	-	T	T			-
MUNFORDVILLE						-	-	-					-
MURRAY						3.5	-	1.0					-
OLNEY						-	-	-	T	T			-
ONEIDA						-	10.5	2.0	1.0				-
DNEONTA DAM 35					T	-	-	6.7	.5	.5			-
DWENSBORO 2 W						4.1	7.0	9.5	T	T			20.6
DWENSBORO DAM 46						3.0	5.5	-		T			-
PADUCAH FAA AIRPDR						5.0	2.2	2.5		T			9.7
PADUCAH						3.5	3.0	4.0		T			10.5
PAINTSVILLE						1.0	7.0	1.0	T	T			9.0
PARADISE STEAM PLANT	-	-	-	-	-	-	-	-	-	-			-
PIKEVILLE					T	2.6	7.3	T	T	T			9.9
PINEVILLE					T	2.0	4.0	2.0	1.0	T			9.0
PRINCETON						-	-	-	T				-
RAVENNA LOCK 12						-	-	.5		T			-
RICHMOND						4.0	10.0	3.0	.8	2.0			19.8
ROCHESTER LOCK 3						-	-	-	-				-
RUSSELLVILLE						-	-	-					-
SALVISA LOCK 6						-	-	6.5		T			-
SALYERSVILLE 2 SE						-	-	-	-				-
SCOTTSVILLE						3.0	7.0	3.0	-	T			-
SCOTTSVILLE 2 SW						1.0	6.0	5.0	T				12.0
SEBREE						-	-	-		T			-
SHELBYVILLE						7.0	7.5	10.8	T	T			25.3
SHEPHERDSVILLE						-	-	13.5					-
SOMERSET 1 N						-	-	-	T	T			-
SPRINGFIELD						3.0	-	6.5		1.5			-
STEARNS						-	-	-					-
SUMMER SHADE						3.2	6.0	-	1.0				-
TAYLDRSVILLE						-	-	-	T				-
TYRONE LOCK 5						-	-	5.0	-				-
UNIONTOWN DAM 49						-	-	-					-
VALLEY VIEW LOCK 9						2.3	6.2	4.3	T	T			12.8
VANBUREN						-	-	-					-
VANCEBURG DAM 32					T	-	-	-	T	T			-
WARSAW MARKLAND DAM					T	-	7.6	6.0	-	T			-
WAYNESBURG 7 NE						3.5	9.0	2.0	1.0	2.0			17.5
WEST LIBERTY					T	1.0	6.0	3.0	T	T			10.0
WILLIAMSBURG 2						-	-	-					-
WILLIAMSTOWN 5 WSW						5.7	13.7	9.0	-	-			-
WILLOW LOCK 13						-	-	2.5					-
WOLF CREEK DAM						-	3.0	-					-
WOODBURY LOCK 4						2.0	-	2.5	T				-

See Reference Notes Following Station Index

DAILY TEMPERATURES

KENTUCKY
JUNE 1961

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADDISON DAM 45	MAX MIN	85 46	88 65	88 64	84 56	84 53	82 53	86 65	83 67	88 64	81 65	88 62	88 65	90 66	88 66	84 54	60 48	69 48	78 50	80 54	80 57	81 60	68 52	80 48	78 46	78 50	79 52	80 52	82 52	84 54	89 60	81.9 56.7	
ANCHORAGE	MAX MIN	86 64	85 68	80 64	78 55	81 57	83 62	77 61	82 66	75 65	82 63	88 61	90 66	88 66	83 70	70 51	68 46	76 47	77 50	79 53	77 57	68 60	76 47	75 65	78 49	78 53	82 55	83 53	86 54	87 57	79.8 58.0		
ASHLAND	MAX MIN															78 35	63 35	72 35	76 37	80 39	81 42	83 46	75 73	76 42	78 48	75 45	80 75	83 78	85 87	87 54	82.1 56.8		
BARBOURVILLE	MAX MIN	88 53	89 55	88 58	85 58	84 55	84 64	86 61	85 65	85 63	84 61		87 63	80 62	86 63	86 55	71 53	73 51		83 49	81 55	74 59	80 60	80 55	78 49	81 50	72 55	80 52	84 53	84 55	58	83.5 57.5	
BARDSTOWN S J PREP SCH	MAX MIN	88 67	87 67	85 63	82 55	82 58	84 60	80 83	85 63	81 66	84 62	88 60	91 64	84 66	87 70	80 50	70 46	76 46	80 48	81 51	80 55	82 54	85 56	88 62	80 53	84 55	82 51	85 53	88 50	90 52	83.5 57.5		
BAXTER	MAX MIN	84 42	85 52	87 58	84 58	86 54	80 54	84 61	84 63	83 62	79 64	84 66	90 62	88 63	80 65	68 66	73 53	75 51	77 50	77 51	82 54	77 59	69 61	80 57	76 50	75 53	79 54	83 53	87 57	59	80.3 56.9		
BEAVER DAM	MAX MIN	90 64	88 64	86 66	85 57	83 61	86 63	84 64	85 66	79 66	85 65	89 61	88 66	89 68	88 67	70 53	71 49	77 50	80 52	81 55	79 61	70 60	80 61	78 67	79 51	80 50	83 52	83 54	85 53	86 55	90 58	82.6 59.0	
BENHAM	MAX MIN	84 43	86 60	88 56	83 61	80 51	88 58	84 58	85 60	85 61	83 59	80 60	88 65	87 61	82 61	82 62	64 51	78 45	75 45	83 46	80 49	78 57	70 59	80 56			79 48	78 51	82 52	90 57	81.3 55.0		
BENTON 2	MAX MIN	89 66	89 79	87 67	85 63	79 61	85 64	78 63	82 65	79 66	84 61	87 66	85 66	87 67	85 65	68 55	67 67	70 77	77 49	80 52	76 60	72 62	79 48	88 55	78 56	80 48	83 56	86 79	88 51	83 58	86 61	80.0 58.8	
BEREA COLLEGE	MAX MIN	87 67	88 65	87 61	82 52	84 54	84 58	82 61	85 62	83 65	83 64	87 61	89 63	86 69	86 70	85 51	71 46	77 49	79 52	80 60	81 64	74 50	76 78	80 59	76 64	82 53	80 51	84 53	87 52	90 50	82.4 57.3		
BLAINE 1 W	MAX MIN	80 53	88 62	90 61	80 49	72 49	85 60	86 60	83 62	84 63	79 60	85 63	88 62	89 63	90 65	81 51	61 45	70 45	86 46	81 49	82 49	83 61	75 59	77 54	78 45	77 46	80 53	75 54	80 49	86 51	88 58	81.3 54.9	
BONNIEVILLE	MAX MIN	90 66	87 68	85 65	85 54	84 57	83 60	82 64	86 66	77 65	85 63	89 58	89 62	85 69	87 51	75 48	70 48	76 50	82 51	79 55	76 60	78 66	79 48	81 66	78 48	81 48	82 51	83 50	86 51	89 52	89 59	82.6 57.3	
BOWLING GREEN FAA AP	MAX MIN	91 65	89 64	84 67	84 62	83 63	86 63	79 65	86 64	78 65	86 66	87 64	89 68	85 68	85 68	68 57	70 51	78 54	81 55	81 76	72 63	76 56	80 53	80 60	81 55	83 54	84 59	85 54	91 56	93 62	82.7 60.4		
CAMPBELLSVILLE	MAX MIN	86 65	85 67	84 67	85 58	85 61	84 62	83 64	84 65	73 65	83 64	85 65	89 65	82 68	81 70	78 53	72 48	79 49	80 53	82 54	78 59	77 61	76 57	77 63	78 51	82 51	77 60	83 55	85 55	89 57	88 60	81.9 59.6	
CARROLLTON LOCK 1	MAX MIN	88 63	88 67	81 65	82 51	83 55	81 65	80 63	84 67	82 65	85 60	90 66	90 66	87 68	85 72	78 51	69 47	77 48	81 52	80 57	77 59	78 65	78 50	80 53	81 53	82 53	83 55	84 53	88 55	90 56	81.8 58.1		
CECILIA	MAX MIN	82 46	87 64	88 64	82 55	83 59	84 62	88 64	83 66	88 65	75 63	85 63	85 65	89 67	85 65	87 53	62 48	71 48	77 50	73 53	82 56	78 58	71 49	78 54	77 50	80 52	82 54	83 54	84 53	87 57	81.3 57.0		
CLERMONT 1 SSE	MAX MIN	90 69	92 69	90 64	88 58	85 53	84 61	78 63	85 65	88 66	84 62	90 61	91 64	89 66	89 51	89 46	70 45	78 45	83 53	82 53	84 57	80 58	78 66	81 69	80 54	84 56	85 52	85 52	86 53	90 57	93 57.7		
COVINGTON WB AIRPORT	MAX MIN	87 67	83 63	78 62	81 54	86 62	84 65	81 64	82 67	78 65	86 62	92 65	94 68	81 69	80 66	62 50	69 48	79 48	83 53	82 57	83 60	76 55	73 47	76 58	78 54	80 54	85 56	85 56	86 60	90 61	93 61	81.1 59.1	
CYNTHIANA 2	MAX MIN	74 48	88 69	87 61	83 49	82 53	80 60	80 60	82 59	83 65	80 62	82 59	87 63	88 65	87 60	51 47	57 45	76 46	72 64	77 55	82 61	72 47	72 45	72 47	72 52	72 53	76 52	73 53	70 52	90 58	92 58	78.4 54.6	
DANVILLE	MAX MIN	82 47	85 68	85 64	80 55	80 57	83 61	84 64	80 64	85 62	73 63	83 61	87 65	89 66	80 67	85 50	65 45	70 48	79 51	79 50	80 55	78 59	75 55	75 57	77 50	77 52	80 55	76 51	80 53	83 55	87 58	80.1 56.8	
DEWEY DAM	MAX MIN	79 45	89 59	89 58	78 50	82 50	84 55	84 64	83 63	84 65	78 62	84 64	88 65	91 65	84 55	84 55	50 50	68 51	78 51	80 53	82 55	79 57	75 60	78 56	78 50	81 51	85 55	80 54	86 56	89 59	96 59.5		
DIX DAM	MAX MIN	85 65	87 67	86 64	80 57	82 59	82 62	80 65	84 65	84 65	83 65	88 62	89 66	88 69	85 70	85 51	70 48	76 48	78 52	80 56	80 61	76 54	75 64	75 52	77 54	80 53	80 59	83 56	87 57	90 60	81.7 59.5		
ELIZABETHTOWN	MAX MIN	87 64	85 66	82 64	82 55	81 58	85 64	81 65	85 64	74 65	84 65	88 65	91 66	84 67	86 72	82 52	70 46	75 48	78 49	81 52	80 58	72 57	77 46	76 48	77 48	81 52	82 55	84 56	87 51	88 52	89 56	81.6 57.8	
FALMOUTH	MAX MIN	89 59	88 65	81 64	82 51	83 53	83 62	82 60	85 64	80 65	85 62	90 65	92 67	87 65	85 52	71 46	72 46	78 50	80 51	82 55	80 60	77 47	78 65	80 47	81 50	82 53	79 52	86 52	89 53	92 55	82.3 56.5		
FARMERS	MAX MIN	88 55	88 62	84 63	81 49	88 52	84 61	85 60	85 60	86 61	84 61	90 61	91 63	87 63	85 62	71 45	77 45	82 50	81 54	81 61	78 54	76 56	76 56	80 55	80 54	84 53	80 54	87 53	88 54	90 55	83.0 55.9		
FLEMINGSBURG 2	MAX MIN	85 63	87 66	78 62	79 51	83 62	82 62	82 61	83 63	74 64	84 63	87 65	90 65	81 67	81 49	70 49	69 44	75 47	79 50	81 51	79 58	71 60	74 49	76 62	77 48	78 59	79 55	83 52	86 54	89 58	80.0 56.5		
FORDS FERRY DAM 50	MAX MIN	90 71	89 67	83 61	84 60	83 65	87 65	86 66	86 67	85 65	85 65	89 64	88 69	88 68	86 54	78 53	78 52	80 54	81 57	82 61	75 56	78 55	80 54	82 59	80 54	84 59	81 57	86 57	89 60	96 63	61.1 83.7		
FRANKFORT LOCK 4	MAX MIN	81 48	88 68	85 65	82 55	80 55	84 60	84 63	82 65	88 66	73 63	86 63	90 63	91 67	87 68	84 54	64 48	70 48	78 49	80 52	81 54	79 49	70 50	78 50	78 49	78 52	80 55	85 56	88 55	86 56	81.3 57.0		
GLASGOW WKAY	MAX MIN	89 67	87 67	83 69	84 61	83 60	82 62	82 64	86 65	78 66	85 63	88 66	87 66	87 69	87 54	69 50	78 52	78 52	82 54	77 59	75 60	78 60	77 65	78 52	81 52	81 61	83 54	88 54	90 57	90 60	81.6 59.9		
GOLDEN POND 8 N	MAX MIN	90 65	90 64	82 62	87 61	83 61	89 64	88 63	82 66	82 65	82 64	91 60	89 60	89 66	80 55	71 49	84 51	79 48	84 57	79 51	84 57	75 50	82 52	80 51	80 56	84 48	85 50	86 55	89 55	92 58	84.3 58.0		
GRAYSON 1 SE	MAX MIN	83 46	88 62	80 63	80 50	79 58	86 58	83 59	82 64	85 66	77 61	88 63	88 63	89 68	85 65	81 46	61 36	69 68	76 49	81 73	82 45	82 50	78 50	75 38	78 41	80 41	82 53	87 51	90 53	87 55	80.4 52.0		
GREENSBURG	MAX MIN	85 45	89 64	88 65	82 56	85 59	83 62	83 64	84 65	86 65	75 64	86 62	90 64	88 67	88 54	60 49	71 48	81 51	80 53	82 57	77 60	82 59	78 59	80 53	80 54	84 56	79 53	83 54	85 55	89 59	82.7 57.7		
GREENVILLE 2 W	MAX MIN																																

DAILY TEMPERATURES

KENTUCKY
JUNE 1961

Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HYDEN	MAX	85	88	89	85	86	84	86	87	85	82	90						72	78	80	84	80	72	80	80	78	82	74	81	86	88	82.5	
	MIN	45	54	57	56	54	57	61	63	62	61	64	62	63	63	55	52	49	49	49	53	57	60	55	49	50	53	52	53	54	56	55.6	
IRVINGTON	MAX	89	88	85	84	84	86	86	86	78	87	90	94	89	90	70	71	78	81	84	80	71	81	81	84	84	86	89	90	93	84.0		
	MIN	66	67	65	57	60	63	65	67	66	65	62	66	68	69	51	43	48	51	53	58	59	50	66	50	53	58	53	55	60	58.9		
JACKSON	MAX	82	88	90	81	83	84	85	85	85	77	82	85	90	84	86	60	70	77	78	81	81	72	77	78	77	81	72	79	84	86	80.7	
	MIN	40	54	61	54	54	54	61	60	64	61	60	63	63	64	54	50	48	48	52	51	55	60	56	49	49	56	53	52	52	54	55.1	
LEITCHFIELD	MAX	88	85	82	83	82	85	83	86	78	83	87	89	86	86	68	70	75	79	80	76	70	78	82	78	82	80	82	84	86	89	81.4	
	MIN	65	66	66	59	63	63	64	65	65	65	64	68	67	68	52	49	52	55	59	61	58	51	65	55	54	60	56	59	59	62	60.5	
LEXINGTON W8 AIRPORT	MAX	87	87	79	80	82	83	82	85	72	84	88	89	83	85	62	46	51	54	57	62	58	50	59	54	55	60	57	60	60	64	80.2	
	MIN	67	66	64	56	61	62	65	66	65	64	65	69	69	62	49	46	51	54	57	62	58	50	59	54	55	60	57	60	60	64	59.9	
LONDON FAA AIRPORT	MAX	84	85	80	81	76	83	84	82	79	83	86	87	81	88	68	70	75	77	79	78	73	76	77	75	79	72	78	82	84	87	79.6	
	MIN	56	65	58	55	54	63	61	63	63	61	61	60	61	68	54	52	50	51	49	54	60	59	52	47	50	56	48	51	54	55	56.5	
LOUISVILLE	MAX	88	84	84	73	85	85	81	86	74	82	87	88	93	84	62	71	76	82	85	83	68	81	81	80	83	81	84	89	91	92	82.1	
	MIN	72	71	56	57	62	67	67	67	66	63	62	67	70	62	53	52	55	56	60	64	62	56	54	56	61	62	61	61	63	66	61.7	
LOUISVILLE W8 AP	MAX	87	86	82	79	81	82	76	84	75	83	87	88	86	85	62	47	49	51	53	59	53	49	54	51	54	57	53	53	54	59	79.9	
	MIN	71	67	57	55	59	61	63	66	66	63	62	67	68	62	52	47	49	51	53	59	53	49	54	51	54	57	53	53	54	59	57.8	
LOVELACEVILLE	MAX	91	91	84	87	86	90	82	85	81	88	91	89	90	86	68	72	78	82	83	81	77	84	82	83	85	86	88	91	92	92	84.8	
	MIN	65	62	66	61	64	64	63	66	67	63	63	68	69	68	55	51	51	53	54	60	53	49	65	52	50	60	53	58	61	64	60.2	
MADISONVILLE 1 SE	MAX	87	88	87	82	86	87	86	84	79	86	89	88	88	87	70	70	78	81	81	80	79	80	79	79	83	83	84	88	88	92	83.3	
	MIN	70	68	58	62	64	62	65	66	67	65	61	67	69	68	53	51	50	53	56	60	60	51	66	53	51	60	53	55	56	57	59.9	
MAMMOTH CAVE PARK	MAX	86	86	82	81	79	78	76	80	75	80	85	85	80	84	75	68	75	76	78	75	70	75	76	78	80	80	80	82	85	86	79.2	
	MIN	66	67	67	58	61	63	63	65	65	64	61	65	62	70	54	49	49	51	54	60	58	50	64	52	53	59	56	55	56	59	59.2	
MANCHESTER 4 SE	MAX	87	90	87	87	83	85	86	84	80	85	89	90	82	85	83	71	79	80	84	80	72	79	79	78	81	79	80	86	88	89	82.9	
	MIN	51	61	58	54	53	64	60	64	63	61	64	62	63	71	55	51	48	48	51	53	60	60	59	52	47	50	54	50	54	55	56.4	
MAYFIELD	MAX	90	89	80	87	83	89	85	84	81	89	96	88	88	86	72	73	76	78	80	79		82	82	81	84	85	87	89	91	93	84.4	
	MIN	67	67	66	64	66	65	67	67	66	63	64	68	69	69	55	51	51	55	55	64		50	65	54	55	59	55	61	62	68	61.7	
MAYSVILLE DAM 33	MAX	78	88	87	79	82	83	81	81	85	76	84	89	90	82	82	63	70	76	78	81	78	71	74	76	76	79	74	80	85	87	79.8	
	MIN	45	68	63	50	52	58	60	61	65	63	60	62	66	65	53	43	45	50	50	52	59	50	51	48	51	53	54	54	54	55	55.3	
MIDDLESBORO	MAX	85	88	86	83	80	84	83	83	81	83	90	89	83	84	84	71	77	77	81	78	71	81	78	77	81	77	80	83	86	89	81.8	
	MIN	52	58	55	58	56	61	60	63	61	62	62	61	61	64	60	54	51	49	49	52	59	51	65	49	50	54	52	53	56	57	56.5	
MONTICELLO	MAX	85	87	82	83	83	83	85	85	81	86	89	88	81	84	77	71	78	80	80	77	75	77	79	77	81	75	82	84	88	88	81.7	
	MIN	57	69	61	58	60	62	62	65	64	63	63	62	67	68	55	48	49	52	50	58	60	61	62	49	49	57	51	50	55	58	58.2	
MOUNT STERLING	MAX	86	87	82	77	83	82	81	84	82	83	86	87	86	83	82	68	76	77	79	78	72	73	77	77	79	76	78	82	86	88	80.6	
	MIN	64	68	64	53	57	62	63	65	63	69	61	66	68	68	49	44	49	51	53	60	60	56	63	51	55	57	53	54	56	60	58.7	
MURRAY	MAX	90	91	85	88	82	90	85	86	82	89	90	87	88	85	72	73	80	79	82	79	74	82	82	84	85	85	87	90	91	95	84.6	
	MIN	67	66	67	65	65	67	65	67	67	64	65	69	69	69	55	52	52	53	56	66	61	52	66	55	54	59	56	62	63	69	62.1	
OWENSBORO 2 W	MAX	91	92	84	88	81	88	87	86	78	89	93	90	91	89	69	74	79	85	82	81	74	80	80	80	84	85	89	92	92	95	84.9	
	MIN	65	67	66	59	64	64	66	68	67	66	64	68	69	70	54	52	53	54	58	60	60	52	66	54	53	61	55	55	58	59	60.9	
PADUCAH FAA AIRPORT	MAX	90	87	83	84	82	87	83	82	77	87	90	86	87	86	70	70	77	78	81	79	75	82	79	80	83	82	85	88	89	90	82.6	
	MIN	69	68	68	61	65	66	64	68	67	63	65	68	70	69	54	51	51	55	56	62	57	52	60	56	56	61	56	61	65	67	61.7	
PADUCAH	MAX	91	91	89	88	86	89	88	84	81	90	90	88	90	88	70	73	78	80	84	81	84	84	84	79	87	88	88	92	93	95	85.8	
	MIN	69	69	67	60	64	64	63	67	68	64	64	68	68	69	55	52	51	54	56	61	60	49	55		56	59	54	59	62	65	61.1	
PARADISE STEAM PLANT	MAX	85	82	89	75	87	81	86	85	85	80	87	91	87	89	73	62	73	80	83	83	77	69	80	80	80	85	85	86	89	91	82.2	
	MIN	57	66	67	57	61	62	64	68	66	63	62	66	67	72	56	50	51	55	56	61	55	52	58	52	51	61	53	54	56	59	59.4	
PIKEVILLE	MAX	90	92	80	84	80	86	86	85	78	87	90	93	88	86	76	73	79	80	84	79	70	83	80	80	83</							

EVAPORATION AND WIND

KENTUCKY
JUNE 1961

Station		Day of month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DEWEY DAM	EVAP	.16	.19	.11	-	.16	-	.06	.19	.24	.12	.08	.32	.21	.17	.11	.10	-	-	.15	.17	-	.10	.06	.12	.21	.24	.02	.17	.19	.22	B4.64 224	
	WIND	2	24	25	2	1	6	1	4	18	9	6	1	10	4	19	10	8	2	2	4	2	4	5	23	8	18	0	3	1	2		
DIX DAM	EVAP	.26	-	-	-	.01	.26	.32	.40	.13	.00	.20	.22	.20	.19	.28	.17	.16	.21	.06	.21	.27	.14	.19	.30	.27	.20	.10	.10	.09	.21	B5.72 936	
	WIND	18	74	35	40	31	6	19	27	90	21	13	1	9	29	90	77	23	12	13	2	15	45	50	67	47	53	16	7	4	2		
MADISONVILLE 1 SE	EVAP	.28	.28	.32	.28	.10	.42	.29	.10	.28	.00	.50	.46	.28	.24	-	.00	.12	.18	.21	.19	.17	.11	.32	.32	.14	.28	.30	.28	.28	.28	B7.25 1211	
	WIND	61	92	89	30	32	34	13	65	68	38	14	23	43	64	67	67	35	17	16	18	42	20	86	45	31	31	26	12	15	17		
WOLF CREEK DAM	EVAP	.22	.15	.27	.09	.12	.15	.23	.06	.26	.17	.17	.21	.15	.13	.12	.15	.12	.14	.17	.21	.01	.12	.15	.22	.16	.19	.13	.22	.22	-	B4.87 B 393	
	WIND	10	20	22	8	20	10	13	11	13	19	6	7	8	6	14	39	27	4	7	4	12	15	11	25	18	6	4	10	11	-		

Dix Dam - Evaporation pan is coated with aluminum paint inside and out each year before being placed in operation.

See Reference Notes Following Station Index

MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1960 - 1961

KENTUCKY

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Long-term means July-June
ADDISON DAM 45	1	0	43	308	693	1153	1112	674	519	457	172	26	5158	
ANCHORAGE	0	0	14	218	580	1089	1129	701	529	472	183	22	4937	
ASHLAND	0	0	5	198	542	1062	1087	662	482	467	188			
BARBOURVILLE	0	0	5	164	518	1018	986	550	414	426	92	9	4182	
BARSTOWN S J PREP SCH	0	0	8	213	572	1059	1093	669	481	435	165	12	4707	
BAXTER	0	0	8	193	601	1080	1097	632	515	491	199	18	4834	
BEAVER DAM	0	0	5	149	548	1004	1036	609	427	386	127	9	4300	
BENHAM	0	0	19	211	596	1093	1112	594	497	509	232	21	4884	
BENTON 2	0	0	12	216	561	941	1088	623	427			17		
BEREA COLLEGE	0	0	17	186	507	1078	1040	627	437	451	151	10	4504	
BLAINE 1 W	0	0		318	630	1156	1190	723	568	521	240	29		
BONNIEVILLE	0	0									169	14		
BOWLING GREEN FAA AP	0	0	1	186	580	999	1047	604	454	409	122	6	4408	4279
CAMPBELLSVILLE	0	0	3	154	511	998	1026	576	435	405	139	6	4253	
CARROLLTON LOCK 1	0	0	4	205	510	1045	1095	673	471	441	173	16	4633	
CECILIA	0	0	19	271	660	1141	1175	703	539	504	189	25	5226	
CLERMONT 1 SSE	0	0	4	170	494	1013	1032	631	440	403	131	12	4330	
COVINGTON WB AIRPORT	0	0	18	252	559	1116	1147	729	568	497	196	23	5105	
CYNTHIANA 2	0	0	23	259	629	1167	1208	724	585	557	312	62	5526	
DANVILLE	0	0	37	255	578	1093	1136	689	547	517	227	19	5098	
DEWEY DAM	0	0	16	198	571	1112	1120	685	513	503	223	20	4961	
DIX DAM	0	0	5	158	489	987	1041	621	454	420	147	9	4331	
ELIZABETHTOWN	0	0	5	187	545	1034	1076	658	465	429	156	15	4570	
FALMOUTH	0	0	9	224	557	1098	1135	696	506	480	200	15	4920	
FARMERS	0	0	6	211	556	1064	1109	674	485	466	182	15	4768	
FLEMINGSBURG 2	0	0	11	249	591	1107	1153	702	528	491	206	23	5061	
FORDS FERRY DAM 50	0	0	2	151	510	997	998	657	478	392	149	7	4341	
FRANKFORT LOCK 4	0	0	18	230	566	1103	1152	703	580	501	191	24	5068	
GLASGOW WKAY	0	0	12	190	528	997	1006	583	421	396	130	8	4271	
GOLDEN POND 8 N	0	0	7	182	539	980	987	572	403	382	128	9	4189	
GRAYSON 1 SE	0	0	29	276	616	1158	1184	745	559	525	246	67	5405	
GREENSBURG	0	0	12	196	574	1081	1110	672	486	448	177	15	4771	
GREENVILLE 2 W	0	0	3	166	514	975	1012	603	427	391	144	11	4246	
HEIDELBERG LOCK 14	0	0	8	171	562	1045	1066	624	450	433	172	11	4542	
HENDERSON 7 SSW	0	0	3	192	530	1022	1037	662	464	390	139	10	4449	
HICKMAN 1 E	0	0	5	176	524	973	1030	606	445	388	103	12	4262	
HINDMAN	0	0	33		551	1026	1060	595	438	449	196	21		
HOPKINSVILLE	0	0	4	164	556	1026	1078	644	469	393	111	17	4462	
HYDEN	0	0										10		
INEZ	0	0	1	190	550	987	1085	627	454	429	157			
IRVINGTON	0	0	4	187	525	1026	1058	646	467	424	134	14	4485	
JACKSON	0	0									164	27		
LEITCHFIELD	0	0	0	172	520	1003	1028	621	467	424	131	12	4378	
LEXINGTON WB AIRPORT	0	0	6	212	575	1081	1144	672	554	490	188	21	4943	4677
LONDON FAA AIRPORT	0	0	20	220	620	1073	1126	625	513	494	193	19	4903	
LOUISVILLE	0	0	0	140	467	1042	1062	674	483	409	123	10	4410	
LOUISVILLE WB AP	0	0	10	240	596	1078	1115	721	536	477	193	23	4989	4439
LOVELACEVILLE	0	0	2	165	539	995	1015	594	429	383	117	6	4245	
MADISONVILLE 1 SE	0	0	2	166	526	1000	1022	612	438	378	120	8	4272	
MAMMOTH CAVE PARK	0	0	10	196	524	995	1026	572	415	377	140	13	4268	
MANCHESTER 4 SE	0	0	3	157	550	1011	1019	582	417	430	159	8	4336	
MAYFIELD	0	0	1	163	494	968	974	585	423	364	102	5	4079	
MAYSVILLE DAM 33	0	0	21	283	612	1155	1181	750	586	550	253	36	5427	
MIDDLESBORO	0	0	7	170	542	991	999	536	413	408	157	7	4230	
MONTICELLO	0	0	6	177	508	993	1036	564	437	425	140	8	4294	
MOUNT STERLING	0	0	11	205	534	1034	1081	645	478	449	166	13	4616	
MOUNT VERNON	0	0							450	423	186			
MURRAY	0	0	0	150	488	946	946	605	401	344	91	3	3974	
OWENSBORO 2 W	0	0	3	165	534	1018	1045	636	450	390	115	5	4361	
PADUCAH FAA AIRPORT	0	0	6	188	557	1022	1057	659	465	405	145	8	4512	
PADUCAH	0	0	4	157	506	952	982	576	392	349	93	4	4015	
PARADISE STEAM PLANT	0	0		169	561	1045	1084	665	456	389	135	16		
PIKEVILLE	0	0	3	159	487	972	979	553	360	375	131	1	4020	
PRINCETON	0	0	3	187	522	1010	1009	631	452	389	115	8	4326	
RICHMOND	0	0	24	230	576	1095	1145	693	541	507	206			
RUSSELLVILLE	0	0	6	175	500	961	989	556	421	357	116	9	4090	
SCOTTSDALE	0	0	5	165	514	960	986	529	397	365	133	8	4063	
SHELBYVILLE	0	0	20	248	604	1136	1181	737	566	510	208	30	5240	
SOMERSET 1 N	0	0	9	202	543	1023	1046	591	477	456	178	19	4544	
STEARNS												17		
SUMMER SHADE	0	0	8	205	542	1001	1033	578	462	411	131	11	4382	
VANCEBURG DAM 32	0	0	5	242	563	1095	1124	686	499	461	182	13	4870	
WARSAW MARKLAND DAM	0	0	10	214	537	1104	1156	722	512	495	189	20	4959	
WEST LIBERTY	1	0	32	260	617	1133	1148	699	556	527	227	26	5226	
WILLIAMSBURG 2	0	0	4	172	518	990	1024	588	452	439	161	6	4354	
WILLIAMSTOWN 5 WSW	1	0	26	279	606	1170	1206	775	623	572	265	40	5563	
WOLF CREEK DAM	0	0	14	185	550	1031	1064	642	514	479	193	12	4684	

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

KENTUCKY
DELAYED DATA

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max		Min						Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
										50° or Above	32° or Below	32° or Below	0° or Below										
MAY 1961			M			31	2		0	0	2	0					.0	0					
BENTON 2																							

DAILY PRECIPITATION

Station	Day of month																															Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAY 1961																																
BENTON 2	-				*	*	*	3.52	.08									.02		.03		.48				-						-
KENTUCKY DAM	.85	.20			.05	1.15	1.11	.56	.96									.57	.08			.02	.40			.12						6.07

DAILY TEMPERATURES

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAY 1961																																	
BENTON	MAX MIN										67 43	75 50	81 51	82 59	81 60	82 48	80 46	72 62	73 68	74 64	75 64	78 60	77 61		74 41			64 43	73 32	84 50	77 47	86 49	

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

KENTUCKY
CORRECTED DATA

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max	Min.	50° or Above	32° or Below					Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
FEBRUARY 1961																							
FORDS FERRY DAM 50	50.0	30.0	40.0		73	18	11	4	692	0	4	17	0	3.60	.24	1.04	8	3.8	2	4+	7	3	1

DAILY PRECIPITATION

Station	Day of month																															Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
FEBRUARY 1961																																
FORDS FERRY DAM 50	T		.20	T			.08	1.04								T	.04	.22	.56		T	.01	.01		.42	T		.22				9.60

DAILY TEMPERATURES

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
FEBRUARY 1961																																	
FORDS FERRY DAM 50	MAX MIN	46 32	33 18	20 13	29 11	30 17	34 24	34 31	34 25	42 21	49 25	62 27	71 35	68 40	59 32	66 37	69 32	64 52	73 36	40 27	43 34	48 37	64 40	68 43	60 31	30 25	66 22	55 37	42 35			50.0 30.0	

SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
FEBRUARY 1961																																
FORDS FERRY OAM 50	SNOWFALL SN ON GND	T		1.5 2	T 2	1	1	T 1	1.0 1	1	1	T														1.3 1	T 1	T				

See Reference Notes Following Station Index

CORRECTIONS

KENTUCKY

MONTH: JANUARY 1960

Climatological Data Table:
West Liberty

Total snowfall for month should be 2.2.
Eastern Division average snowfall should
be 4.4.

MONTH: DECEMBER 1960

Climatological Data Table:
Murray

Correct as follows: Total snowfall should
be 3.5; Western Division Snowfall average
3.8.

Daily Precipitation Table:
Georgetown Water Works

Amount on the 31st should be 0.

Snowfall and Snow on Ground Table:
Murray

Correct daily amounts as follows: 28th,
snowfall, Trace; 31st, snowfall, 2.0.

MONTH: FEBRUARY 1961

Climatological Data Table:
Fords Ferry Dam 50

Delete data published for entire month.
See corrected data this bulletin.

Daily Precipitation Table:
Fords Ferry Dam 50

Delete data published for entire month.
See corrected data this bulletin.

Daily Temperature Table:
Fords Ferry Dam 50

Delete data published for entire month.
See corrected data this bulletin.

Snowfall and Snow on Ground Table:
Fords Ferry Dam 50

Delete data published for entire month.
See corrected data this bulletin.

MONTH: MARCH 1961

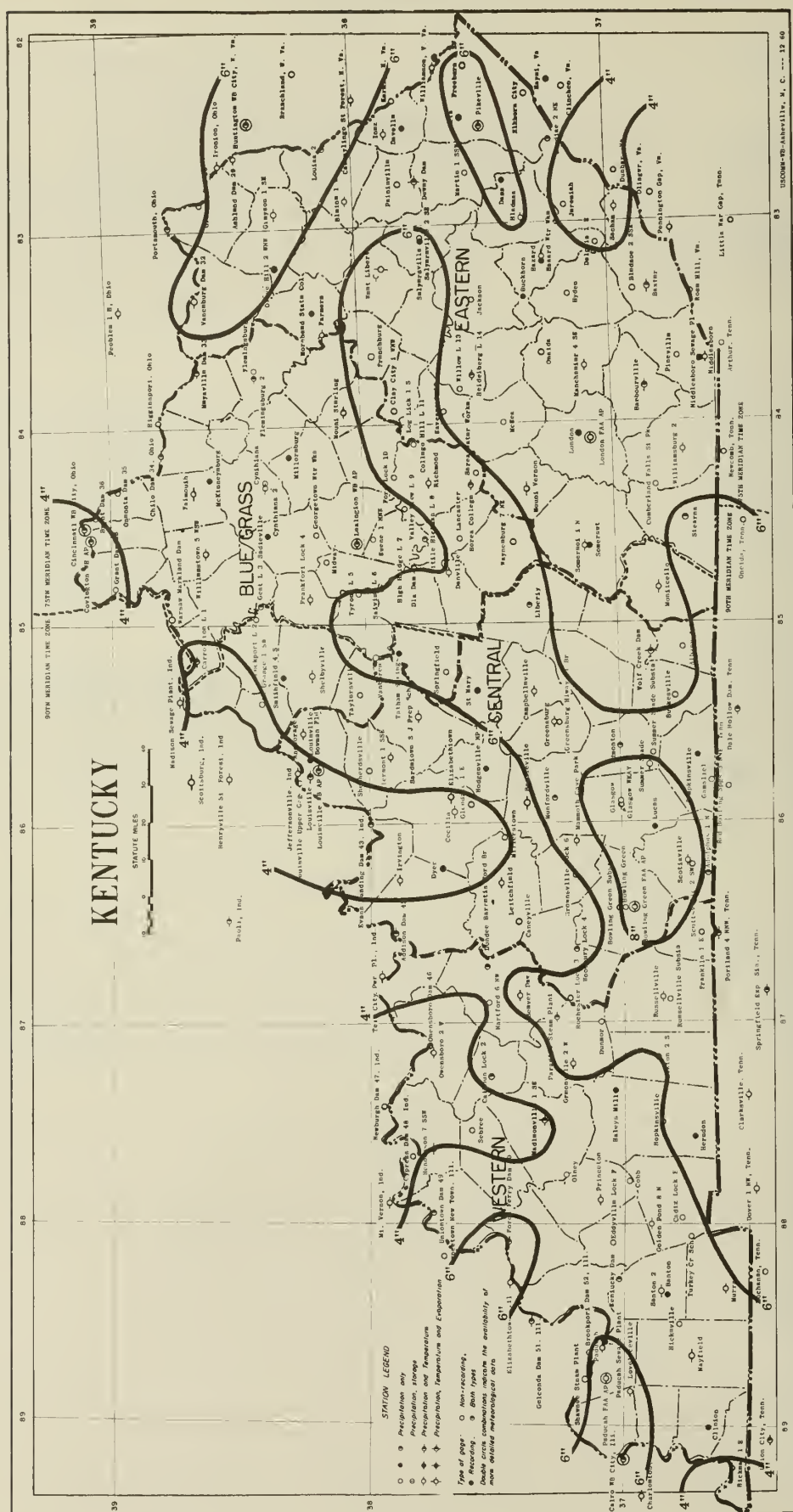
Daily Precipitation Table:
Cadiz Lock E

Amount on the 13th should be .84, monthly
total should be 7.43.

Dunmore

Correct as follows: 31st, *; monthly
total, *.

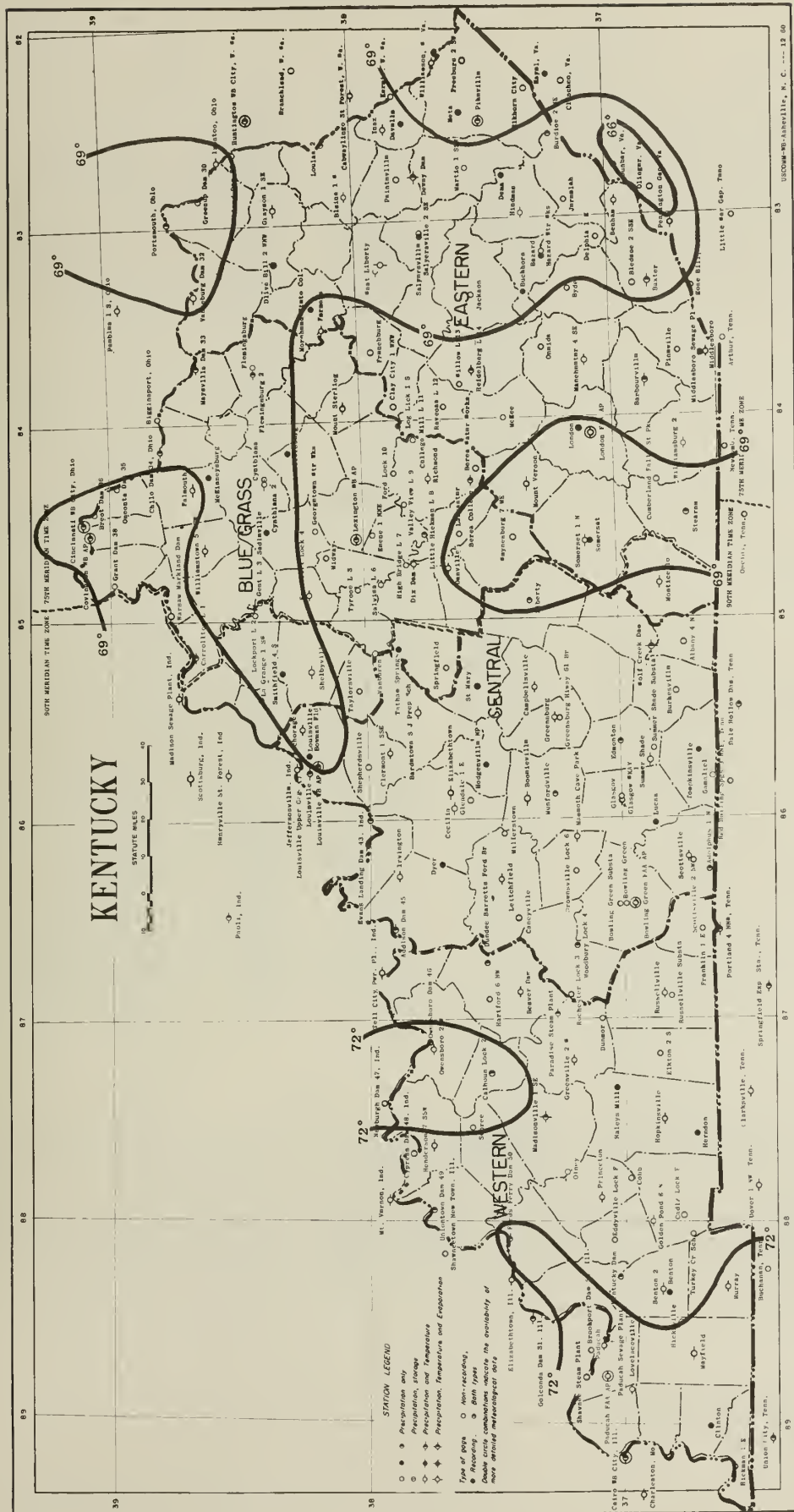
KENTUCKY
JUNE 1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

KENTUCKY
JUNE 1961



STATION INDEX

KENTUCKY
JUNE 1961

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER		
							TEMP.	PRECIP.	EVAP.	SPECIAL									TEMP.	PRECIP.	EVAP.	SPECIAL			
ADDISON DAM 45	0031	BRECKINRIDGE	7	37 55	86 34	380	6A				C	CORPS OF ENGINEERS	LITTLE HICKMAN LOCK 8	4825	JESSAMINE	4	37 45	84 35	521	7A			C	CORPS OF ENGINEERS	
ALBANY 4 N	0063	CLINTON	2	36 45	85 08	1000	7P				C	MRS. BARBARA M. COOL	LOCKPORT LOCK 2	4857	HENRY	4	38 26	84 58	405	6A			C	CORPS OF ENGINEERS	
ANCHORAGE	0155	JEFFERSON	7	38 16	85 33	700	7A				C	CHARLES E. TROTT	LOCK 1 5	4882	CLARK	4	37 51	84 02	773	7A			C	MURBERT BURGHER	
ASHLAND	0254	BOYD	7	38 27	82 36	555	7A				C	ASHLAND WATER PLANT	LONDON	4893	LAUREL	2	37 08	84 04	1195	6A			C	KNOXVILLE FERTILIZER CO	
BARBOURVILLE	0381	KNOX	2	36 52	83 53	1000	6P				C	UNION COLLEGE	LONDON FAA AP	4898	LAUREL	2	37 05	84 05	1191	H10	H10			C	FED. AVIATION AGENCY
BARSTOWN 5 J PREP SCH	0397	NELSON	8	37 48	85 28	631	5P				C	ST. JOSEPH PREP. SCHOOL	LOUISA 2	4946	LAWRENCE	1	38 07	82 36	585	8A			C	MAROLD C. FERGUSON	
BAKER	0450	HARLAN	2	36 51	83 20	1184	7A				C	MONER WELBORN JR.	LOUISVILLE BONMAN FLO	4949	JEFFERSON	7	38 14	85 49	462	H10	H10			C	LOUISVILLE G. & E. CO.
BEAVER DAM	0490	OHIO	3	37 25	86 52	441	6P				C	E. G. YOUNG	LOUISVILLE WB AP	4951	JEFFERSON	7	38 13	85 40	558				C	CORPS OF ENGINEERS	
BENHAM	0595	HARLAN	2	36 58	82 57	1585	8A				C	C. G. WHITAKER	LOUISVILLE UPPER GAGE	4954	JEFFERSON	7	38 11	85 44	474	H10	H10			C	U.S. WEATHER BUREAU
BENTON	0611	MARSHALL	9	36 51	88 20	395					C	WILLIAM L. MIER	LOUISVILLE UPPER GAGE	4955	JEFFERSON	7	38 17	85 48	403	6A			C	CORPS OF ENGINEERS	
BENTON 3	0615	MARSHALL	9	36 51	88 20	305	5P				C	RADIO STATION WCLB	LOVELACEVILLE	4967	BALLARD	6	36 58	88 30	370	5P	5P			C	BLAINE MALONE
BEREA COLLEGE	0619	MADISON	4	37 34	84 19	1070	6P				C	JAMES A. GROSSMAN	LOVELACEVILLE	5002	BARRER	3	36 53	86 02	738					C	WILLARD E. FOSTER
BEREA WATER WORKS	0624	MADISON	4	37 33	84 15	1010	7A				C	MRS. LAURA B. GABBARD	LOVELACEVILLE	5067	HOPKINS	3	37 19	87 29	439	5P	7A			C	MONER WELBORN JR.
BLAINE 1 W	0752	LAWRENCE	1	38 02	82 52	690	8A				C	WILLIAM L. MIER	LOVELACEVILLE	5097	EDMONSON	3	37 11	86 05	800	5P	1P			C	NATIONAL PARK SERVICE
BONNIEVILLE	0854	HART	3	37 23	85 84	684	5P				C	WILLIAM L. FERRISS	LOVELACEVILLE	5111	CLAY	4	37 06	83 43	850	6P	7A			C	MORA S. WHITE
BOWLING GREEN	0904	WARREN	3	37 00	86 26	536	7A				C	JAMES R. EDWARDS	LOVELACEVILLE	5171	FLOYD	1	37 33	82 45	655	7A				C	JAMES D. HUGHES
BOWLING GREEN SUBSTA	0907	WARREN	3	37 01	86 26	536	5A				C	TYA-639	LOVELACEVILLE	5230	GRAVES	6	36 44	88 39	364	6P	7A			C	MAYFIELD ELEC. & MTR. CO.
BOWLING GREEN FAA AP	0909	WARREN	3	36 58	86 26	535	H10	H10			C	FED. AVIATION AGENCY	LOVELACEVILLE	5243	MASON	7	38 38	83 42	515	7A				C	CORPS OF ENGINEERS
BRENT DAM 36	0978	CAMPBELL	2	36 46	87 58	384	7A				C	LOVELACEVILLE	5291	JACKSON	2	37 26	84 00	1000					C	HRS. WINNIE W. MORAN	
BROWNVILLE LOCK 6	1046	EDMONSON	3	37 12	86 16	405	7A				C	ELORIDGE SKAGGS	LOVELACEVILLE	5301	PEOPLETON	5	38 36	84 16	662					C	RICHARD T. SYMON
BUCKHORN	1080	PERRY	4	37 21	83 23	936					C	CORPS OF ENGINEERS	LOVELACEVILLE	5370	PIKE	1	37 34	82 27	730					C	MRS. EDITH J. SMITH
BURDINE 2 NE	1120	PIKE	1	37 13	82 35	1643	8A				C	EDWIN E. JOHNSON	LOVELACEVILLE	5389	BELL	2	36 37	83 43	1130	5P	7A			C	MRS. LELA M. HERRELL
BURKESVILLE	1137	CUMBERLAND	2	36 47	85 22	600	7A				C	HARVIN M. LEE	LOVELACEVILLE	5394	BELL	2	36 38	83 43	1130					C	CITY OF MIDDLEBORO
CADIZ LOCK E	1206	TRIGG	2	36 46	87 58	384	7A				C	CORPS OF ENGINEERS	MIDWAY	5407	WOODFORD	4	38 09	84 41	-	8A				C	CITY OF MIDWAY
CALHOUN LOCK 2	1227	MC LEAN	3	37 32	87 16	402	7A				C	CORPS OF ENGINEERS	MILLERSBURG	5430	BOURBON	5	38 18	84 09	789					C	CITY WATER WORKS
CAMPBELLVILLE	1256	TAYLOR	3	37 20	85 21	771	6P				C	ALVA MC KINLEY	MILLERSBURG	5438	GRAYSON	3	37 27	86 03	588	7A				C	DVA M. LAMLER
CANEYVILLE	1294	GRAYSON	3	37 25	86 30	600	7A				C	G. V. COX SR.	MONTICELLO	5524	WAYNE	2	36 50	84 50	928	6P	7A			C	ALVIN L. BERTRAM
CARROLLTON LOCK 1	1345	CARROLL	4	36 41	85 11	480	4P				C	CORPS OF ENGINEERS	CORNHARD STATE COLLEGE	5595	ROWAN	5	38 11	83 26	770					C	PROF. HENRY C. HAGGAN
CECILIA	1406	HARDIN	8	37 40	85 97	734	7A				C	WILLIAM S. VERTREES	MOUNT STERLING	5640	MONTGOMERY	5	38 04	83 56	390	5P	5P			C	FRED CARTMILL
CLAY CITY 1 NW	1576	POWELL	4	37 52	83 56	712	7A				C	JOEL W. MOUNT 2	ROCKCASTLE	5648	ROCKCASTLE	2	37 21	84 30	1137	5P	5P			C	CITY OF MT. VERNON
CLERMONT 1 SSE	1611	BULLITT	8	37 55	85 40	540	5P				C	BERNHEN FOUNDATION	NUNFORDVILLE	5684	HART	3	37 16	85 53	624					C	SHERMAN C. PUCKETT
CLINTON	1631	HICKMAN	6	36 41	89 00	390					C	WOODSON D. FRANKLIN	MURRAY	5694	CALLOWAY	9	36 36	88 20	622	6P	6P			C	MURRAY STATE COLLEGE
COBB	1663	CALDWELL	2	37 59	87 47	490	7A				C	HRS. BENNIE B. WHITE	OLIVE HILL 2 NW	6013	CARTER	7	37 47	87 07	404	6A				C	CORPS OF ENGINEERS
COLLEGE HILL LOCK 11	1704	ESTILL	4	37 47	84 06	611	7A				C	CORPS OF ENGINEERS	OLNEY	6020	HOPKINS	7	37 14	87 47	533					C	HELVIE PARLEE NEISZ
COVINGTON WB AIRPORT	1855	DOONE	7	39 04	84 40	869	H10	H10			C	U.S. WEATHER BUREAU	ONEIDA	6025	CLAY	4	37 16	83 39	750	7A				C	MRS. ANNA L. BROWN
CUMBERLAND FALLS ST PK	1969	WHITLEY	2	36 50	84 19	1070	5P				C	KY. DEPT. OF CONSL.	ONEIDA DAM 35	6033	CAMPBELL	7	38 58	84 18	512	7A				C	CORPS OF ENGINEERS
CYNTHIANA	1998	HARRISON	5	38 23	84 18	884	7A				C	MARSHALL HILL	ONEIDA DAM 36	6091	DAVIES	7	37 46	87 09	420	6P	7A			C	M. VIRGIL D. CLARK
CYNTHIANA 2	2003	HARRISON	8	38 23	84 17	719	8A				C	KY. CARDINAL DAIRY	ONEIDA DAM 37	6096	DAVIES	7	37 47	87 07	404	6A				C	CORPS OF ENGINEERS
DANVILLE	2040	BOYLE	4	37 39	84 46	955	7A				C	MRS. P. EVA M. DAVIS	PADUCAH FAA AIRPORT	6110	MC CRACKEN	7	37 04	88 46	398	H10	H10			C	FED. AVIATION AGENCY
DAVELLA	2053	MARTIN	1	37 48	82 32	700					C	R. S. CALDWELL	PADUCAH	6115	MC CRACKEN	7	37 06	88 37	340	5P	5P			C	WESTERN P. LACKETT
DELPHIA 1 E	2132	PERRY	4	37 02	87 07	1647	6P				C	BALLARD F. WALKER, JR.	PADUCAH SEWAGE PLANT	6136	MC CRACKEN	7	37 06	88 36	325					C	CITY OF PADUCAH
DEMA	2139	KNOTT	1	37 25	82 48	850					C	MATTIE B. BARNEY	PADUCAH SEWAGE PLANT	6155	MULLENBURG	9	37 16	86 59	402	7A				C	JESSE FARNCOLD
DEWEY DAM	2180	FLOYD	1	37 45	82 47	653	7A				C	CORPS OF ENGINEERS	PARADISE STEAM PLANT	6155	MULLENBURG	9	37 16	86 59	402	7A				C	TYA-74A
DIX DAM	2214	MERCER	4	37 48	84 43	431	7A				C	PHILLIP G. THACKER	PIREVILLE	6555	PIKE	1	37 29	82 31	686	5P	8P			C	U.S. WEATHER BUREAU
DUNDEE 2 SE	2358	MULLENBURG	3	37 33	86 43	431	7A				C	JESSE L. BAUFF	PIREVILLE	6555	PIKE	1	37 29	82 31	686	5P	8P			C	FOLY PARTIN
DUNHORN	2366	MULLENBURG	3	37 05	87 00	592	7A				C	W. D. GIVENS	PRINCETON	6575	CALDWELL	2	37 06	87 05	529	5P	5P			C	ALTON M. HARVILL
EDDYVILLE LOCK F	2391	BRECKINRIDGE	3	37 43	86 13	793					C	ALMA BLAIR	RAVENNA LOCK 12	6679	ESTILL	4	37 40	83 57	634	7A				C	CORPS OF ENGINEERS
EDMONTON	2469	METCALFE	3	37 00	85 37	865	7A				C	CORPS OF ENGINEERS	RICHMOND	6805	MADISON	4	37 44	84 18	1122	8A	8A			C	THOMAS C. HERNDON
ELIZABETHTOWN	2510	HARDIN	3	37 41	85 52	739	6P				C	JOHN G. HODGINS	ROCHESTER LOCK 3	6882	OHIO	3	37 13	86 54	401	7A				C	CORPS OF ENGINEERS
ELKHART CITY	2528	PIKE	1	37 18	82 21	800	7A				C	RADIO STATION WIEL	RUSSELLVILLE	7049	LOGAN	3	36 51	86 53	590	6P	7A			C	MRS. GLADYS TALLEY
ELKTON 2 S	2548	TOOD	8	37 07	87 10	520	7A				C	EDMOND O. BENNETT	RUSSELLVILLE SUBSTA	7054	LOGAN	3	36 50	86 54	576	7A				C	TYA-883
FALMOUTH	2775	PEOPLETON	5	38 40	84 20	560	6P				C	S. RICHARD ANDERSON	SAOIEVILLE	7074	SCOTT	4	38 23	84 33	791					C	MRS. TRESSIE A. RALSTON
FARMERS	2791	ROWAN	5	38 09	83 33	668	4P				C	FRANK M. LAWSON	ST MARY	7096	HARION	8	37 35	85 21	743					C	JOHN B. BAUER
FLEMINGSBURG	2903	FLEMING	5	38 25	83 43	858	7A				C	MRS. C. G. STAMPER													

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The station index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

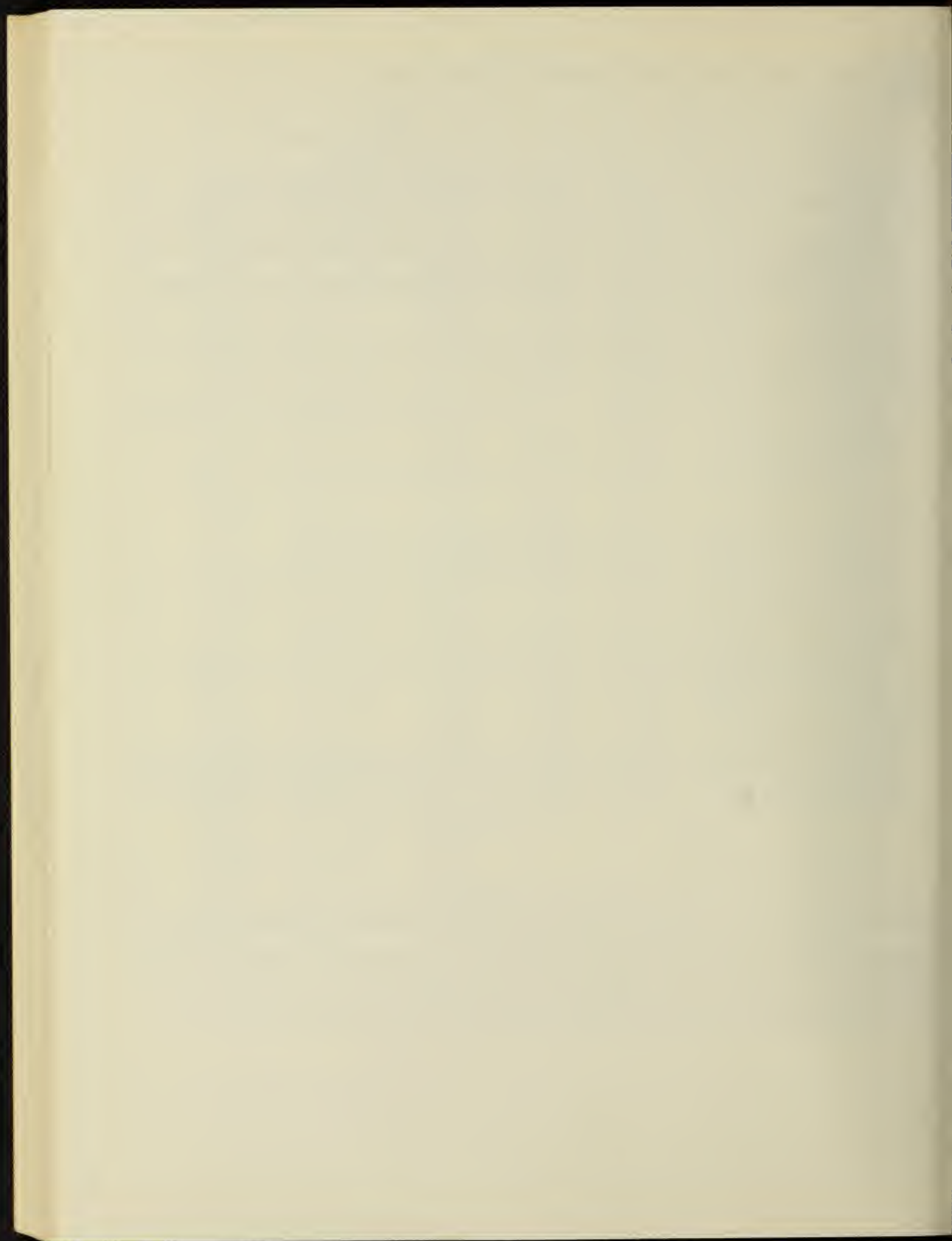
X Observation time is 1:00 a.m., EST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.



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LNKE

U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

JULY 1961
Volume 56 No. 7



ASHEVILLE: 1961

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KENTUCKY - JULY 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 97° on the 30th at Louisville

Lowest Temperature: 43° on the 10th at Benham

Greatest Total Precipitation: 12.20 inches at Blaine 1 W

Least Total Precipitation: 1.39 inches at Hickman 1 E

Greatest One-Day Precipitation: 4.35 inches on the 30th at Gest Lock 3

CLIMATOLOGICAL DATA

KENTUCKY
JULY 1961

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
										80° or Above	32° or Below	32° or Below	32° or Below					Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
WESTERN																							
BEAVER DAM	86.6	65.7	76.2		92	30	52	10	0	6	0	0	0	6.81		1.92	12	.0	0		9	4	3
BENTON 2		63.7M			93	31+	51	10	0	0	0	0	0	3.69		.96	28	.0	0		6	4	0
FORDS FERRY DAM 50	87.2	66.5	76.9		94	30	57	10	0	11	0	0	0	4.47	1.71	.95	29	.0	0		10	4	0
GOLDEN POND 8 N		62.3M					51	9	0	0	0	0	0	2.06		.87	19	.0	0			1	0
GREENVILLE 2 W	86.7M	65.0M	75.9M	- 2.0	92	31+	53	10	0	0	0	0	0	4.96	.79	1.82	12	.0	0		6	5	2
HENDERSON 7 SSW	87.1	66.1	76.6	- 2.3	93	31+	52	10	0	9	0	0	0	3.48	.27	.68	14	.0	0		9	2	0
HICKMAN 1 E	87.4	62.6	75.0		95	2	52	10	0	12	0	0	0	1.39		.42	3	.0	0		6	0	0
HOPKINSVILLE	87.6	64.9	76.3	- 2.5	93	31+	55	10	0	13	0	0	0	5.32	1.67	1.23	3	.0	0		9	5	1
LOVELACEVILLE	88.6	65.8	77.2	- 2.1	94	31+	52	10	0	14	0	0	0	4.18	1.02	2.40	17	.0	0		9	1	1
MADISONVILLE 1 SE	87.0	66.8	76.9		92	30	53	10	0	7	0	0	0	7.17		3.70	15	.0	0		5	3	2
MAYFIELD	86.4	66.7	76.6		93	1	56	10	0	6	0	0	0	6.53		2.60	29	.0	0				2
MURRAY	88.4	67.4	77.9	- 1.4	94	2+	55	10	0	15	0	0	0	4.45	.81	.82	13	.0	0		11	4	0
OWENSBORO 2 W	87.7	66.4	77.1	- 1.4	93	30+	52	10	0	12	0	0	0	3.86	.51	.95	15	.0	0		10	3	0
PADUCAH FAA AIRPORT	85.6	67.2	76.4		92	1	55	10	0	5	0	0	0	3.69		1.25	16	.0	0		10	2	1
PADUCAH	89.2	66.8	78.0		96	14+	53	10	0	16	0	0	0	5.56	2.53	1.59	28	.0	0		10	4	2
PARADISE STEAM PLANT	86.2	62.9	74.6		95	21	44	4	2	12	0	0	0	3.80		1.15	12	.0	0		6	4	1
PRINCETON	87.5	64.9	76.2	- 2.8	93	30+	54	10	0	11	0	0	0	6.58	3.27	1.40	12	.0	0		10	6	3
RUSSELLVILLE	87.7M	65.8M	76.8M	- 1.8	93	31+	55	9	0	10	0	0	0	4.13	.26	.94	3	.0	0		9	4	0
DIVISION			76.5	- 2.3										4.56	.77			.0					
CENTRAL																							
ADDISON OAM 45	85.0	62.7	73.9		90	31+	54	10+	0	3	0	0	0	5.87	2.36	1.75	13	.0	0		11	5	1
ANCHORAGE	84.0	63.6	73.8	- 2.3	91	30	49	10	0	2	0	0	0	6.75	3.08	2.11	14	.0	0		10	4	3
BARDSTOWN S J PREP SCH	86.1	62.3	74.2		92	31	49	10	0	6	0	0	0	4.12		1.50	19	.0	0		9	2	1
BONNIEVILLE	86.4M	62.2M	74.3M		92	30	48	10	0	5	0	0	0	4.36		.81	12	.0	0		12	3	0
BOWLING GREEN FAA AP	87.3	66.4	76.9	- 2.5	94	30	54	10	0	8	0	0	0	3.21	1.06	.73	12	.0	0		9	2	0
CAMPBELLVILLE	85.6	64.8	75.2		90	31+	52	10	0	2	0	0	0	5.55		1.14	12	.0	0		10	4	2
CECILIA	85.4	63.0	74.2	- 2.8	94	31	51	11+	0	6	0	0	0	7.83	3.87	1.56	19	.0	0		10	8	3
CLERMONT 1 SSE	89.3	63.9	76.6		95	3	50	10	0	16	0	0	0	3.52		1.39	15	.0	0		7	2	2
GLASGOW WKAY	86.1	65.2	75.7		92	30	53	10+	0	8	0	0	0	5.77		1.34	21	.0	0		10	6	2
GREENSBURG	86.3	63.5	74.9	- 2.7	91	2	52	11+	0	6	0	0	0	6.82	2.59	1.72	16	.0	0		12	5	2
IRVINGTON	88.3	65.6	77.0	- .9	94	31	51	10	0	11	0	0	0	6.75	3.34	1.32	19	.0	0		10	4	2
LEITCHFIELD	85.9	66.1	76.0	- 1.9	91	18	56	11+	0	8	0	0	0	5.07	1.21	.85	15	.0	0		10	5	0
LOUISVILLE	88.5	69.5	79.0		97	30	59	11	0	12	0	0	0	6.32		2.18	14	.0	0		8	4	2
LOUISVILLE WB AP	86.6	66.4	76.5	- 1.4	94	30	52	11+	0	8	0	0	0	5.16	2.08	1.72	14	.0	0		9	5	1
MAMMOTH CAVE PARK	83.4	64.8	74.1		89	31+	52	10	0	0	0	0	0	5.52		1.30	15	.0	0		9	4	1
SCOTTSVILLE	86.4	65.0	75.7		92	31+	51	11+	0	7	0	0	0	6.27		2.43	20	.0	0		9	3	3
SUMMER SHADE	86.9	63.9	75.4		92	31+	51	10	0	12	0	0	0	5.71		2.21	20	.0	0		7	4	1
WOLF CREEK DAM	86.2	60.5	73.4		93	31	48	11+	1	7	0	0	0	4.27		.90	16	.0	0		8	5	0
DIVISION			75.4	- 2.3										5.49	1.42			.0					
BLUE GRASS																							
BEREA COLLEGE	86.0	65.1	75.6	- 1.4	91	31+	51	9	0	6	0	0	0	6.14	1.15	2.06	15	.0	0		9	4	1
CARROLLTON LOCK 1	85.8	64.7	75.3		93	1	50	10	0	4	0	0	0	8.19	4.76	2.88	30	.0	0		10	4	3
COVINGTON WB AIRPORT	85.2	65.5	75.4	.3	94	31	54	9	0	9	0	0	0	5.11	1.36	1.43	21	.0	0		11	3	2
CYNTHIANA 2	87.5	62.5	75.0		93	24+	46	9	2	11	0	0	0	4.85		1.52	15	.0	0		9	3	1
DANVILLE	84.5	62.5	73.5		91	31	51	9	0	2	0	0	0	5.88	1.56	1.78	15	.0	0		11	3	2
OIX OAM	85.4	65.3	75.4		91	30+	53	9	0	4	0	0	0	7.84		2.23	15	.0	0		10	5	2
FALMOUTH	85.1	63.6	74.4		94	1	52	10+	0	5	0	0	0	9.15	5.14	1.82	30	.0	0		10	6	4
FLEMINGSBURG 2	83.9	63.8	73.9		91	2+	51	10+	0	3	0	0	0	5.57		.77	5	.0	0		15	4	0
FRANKFORT LOCK 4	86.0	63.3	74.7	- 3.0	91	3+	52	9	0	5	0	0	0	6.16	1.78	2.11	15	.0	0		12	4	1
LEXINGTON WB AIRPORT	84.9	66.2	75.6	- 1.0	91	2+	55	9	0	4	0	0	0	5.98	1.73	.97	12	.0	0		11	6	0
MAYSVILLE DAM 33	84.4	62.4	73.4	- 2.9	91	23+	52	11+	1	5	0	0	0	8.40	4.08	1.89	5	.0	0		10	5	4
MOUNT STERLING	83.8	64.2	74.0		91	31	52	10+	0	1	0	0	0	4.48	.65	.94	29	.0	0		11	3	0
SHELBYVILLE	84.3	64.4	74.4	- 2.8	92	31	54	10+	0	4	0	0	0	4.26	.51	1.36	15	.0	0		10	3	1
WARSAW MARKLAND DAM	85.3	63.7	74.5	- 2.2	92	2+	49	10	0	4	0	0	0	9.26	5.51	2.93	30	.0	0		11	6	3
WILLIAMSTOWN 5 WSW	84.0	63.1	73.6	- 4.0	90	2	50	9	2	1	0	0	0	6.44	2.65	1.39	30	.0	0		12	5	1
DIVISION			74.6	- 2.3										6.51	2.03			.0					
EASTERN																							
ASHLAND	84.3	61.3	72.8	- 4.3	91	24+	47	11	2	3	0	0	0	11.03	6.98	3.02	16	.0	0		14	8	3
BARBOURVILLE	85.8	62.4	74.1		92	31	48	10	2	8	0	0	0	7.38		2.14	16	.0	0		9	5	3
BAXTER	83.9	62.4	73.2		91	22	47	10	3	1	0	0	0	5.59		1.55	17	.0	0		10	5	1
BENHAM	86.0M	60.9M	73.5M		90	22+	43	10	3	5	0	0	0	7.56		2.25	17	.0	0		15	6	1
BLAINE 1 W	85.5	61.9	73.7		93	23	47	11	1	5	0	0	0	12.20		3.25	30	.0	0		15	9	3
DEWEY DAM	85.0	63.5	74.3		90	22+	51	10	0	3	0	0	0	7.05		1.21	16	.0	0		12	7	1
FARMERS	85.1	62.9	74.0	- 1.7	92	6	48	10	1	5	0	0	0	5.14	.59	.87	29	.0	0		13	3	0
GRAYSON 1 SE	84.6	63.4	74.0		94	24	50	10	2	4	0	0	0	6.73		.89	30	.0	0		12	8	0
HE'DELBERG LOCK 14	85.8	61.7	73.8		92	31	47	11+	1	4	0	0	0	7.81	2.64	1.61	31	.0	0		13	8	2
HINDMAN	83.1M	60.8M	72.0M		90	1	45	11	3	1	0	0	0	5.65		1.35	30	.0	0		11	5	1
HYDEN	87.3M	61.0M	74.2M		92	22	48	10	1	5	0	0	0	6.36				.0	0				
JACKSON	84.0	61.4	72.7		91	2	50	12+	0	3	0	0	0	7.75		2.76	16	.0	0		13	3	2
LONDON FAA AIRPORT	82.5	61.8	72.2		88																		

CLIMATOLOGICAL DATA

KENTUCKY
JULY 1961

CONTINUED

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Drie	Lowest	Drie	Degree Days	No of Days				Total	Departure From Long Term Means	Greatest Day	Drie	Snow, Sleet			No of Days		
										Max	Min	32° or Below	32° or Above					Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
MIDDLESBORO	84.6	62.2	73.4		91	31	46	10	2	3	0	0	0	4.81		1.14	16	.0	0		13	3	1
MONTICELLO	85.4	63.3	74.4		91	31	48	10	0	4	0	0	0	7.21		1.26	22	.0	0		14	7	1
PIKEVILLE	86.3	64.5	75.4		93	2	50	10	0	7	0	0	0	10.12	5.23	1.52	21	.0	0		14	8	3
SOMERSET 1 N	84.7	61.5	73.1		91	31	44	11	4	2	0	0	0	5.81		1.18	16	.0	0		10	6	1
STEARNS	83.9	61.9	72.9		90	22+	50	10	2	2	0	0	0	4.92		2.53	16	.0	0		9	3	1
VANCEBURG DAM 32	86.2	64.1	75.2	- 2.0	94	31+	53	10+	0	9	0	0	0	5.25	1.07	1.89	16	.0	0		10	4	1
WILLIAMSBURG 2	88.0	62.5	75.3		94	6+	48	10	0	15	0	0	0	4.89	.08	1.30	16	.0	0		9	3	2
DIVISION			73.7	- 2.7										6.88	2.24			.0					

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
COVINGTON WB AIRPORT	SSW	24	8.4	23	SSW	24+	85	88	56	63	7	3	8	1	2	0	21	-	7.2
LEXINGTON WB AIRPORT	SSW	21	8.5	-	-	-	87	90	60	66	3	2	5	6	0	0	16	-	6.0
LOUISVILLE WB AIRPORT	S	13	6.8	25	SW	23	85	89	64	63	5	3	4	4	1	0	17	60	6.1

See Reference Note, Following Station Index

KENTUCKY
JULY 1961

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DAILY PRECIPITATION

KENTUCKY
JULY 1961

Continued

Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PADUCAH FAA AIRPORT	3.69						T						.10	.32	.15	.08	1.25	.18	.07	.15	.03		.15	.20	.03		.22	.76					
PADUCAH	5.36		.59	.23										.75	.38	1.11	.58	.20		.18	.20	.09	.15	.20	.03		.22	.76					
PAINTSVILLE	7.85			.25		.02				.10						.19	.58	.60			.20	.65		.55	.17	.14	.10		1.41	1.59			
PARADISE STEAM PLANT	3.80			.20									1.15	.62	.79	.08	.09			.08	.60								.14	.05			
PIKEVILLE	10.12			.85				.03	.02				.32	.16	.44	.52	.97	.34		.04	1.38	1.52	.85	T	.04	.43				.39	1.10	.72	
PINEVILLE	5.31			.18	.26			.01	.02	.04			.05	.32	.11	.67	1.01	.52	.25	.48					.44	.05		T		T	.90		
PRINCETON	6.58			.15		.82							1.40		.15	.90				.82	1.00			.16	.10	.05		1.03					
RAVENNA LOCK 12	9.17			.63									1.50			1.10	.85	1.26	.27	.06		.15		.25						2.05	1.05		
ROCHESTER LOCK 3	4.11			.26				T					1.08	.38	.06	.85	.34	T		.52	.06			.04						.46	.06		
RUSSELLVILLE	4.13							.08					.61	.04		.58	.15	.20		.29	.36			.02			.66	.20					
RUSSELLVILLE SUBSTA	3.61							.08					.50	.07	.54	.15	.20		.25	.44		.16	T				.72	.10					
SALVISA LOCK 6	5.92			.24				.04					.13	1.21	.03	.80	.14	.40	T	.14	.45	T		.06							T	2.28	
SALVERSVILLE 2 SE	9.82			.23	.10					.13			1.00	.06	.38	1.52	1.04	.28		.52	.94		.12	.13	.09	.02				.58	2.68		
SCOTTSVILLE	6.27			.18									1.09	.17	.33	.49	1.05			.13	2.43	.05		.26	.05			.04		.05			
SCOTTSVILLE 2 SW	4.04			.20				T					.75	.06	.10	.43	.70			.10	1.25	.03	.05	.27	.03	.02							
SEBREE	3.90		T				.30						.90	.40	.80	T			.60		T	.20		.40						.30			
SHAWNEE STEAM PLANT	2.78			.32									.19		.09	T	.47			.03	.05	.21		.35	.20	.03		.15	.69				
SHELBYVILLE	4.26			.25				.50					.57	.17	1.36	.37	.44					.13		.13		.25						.08	
SHEPHERDSVILLE	7.23		.07	.35									.45	1.05	1.91	1.96	1.10			.20	.10		.02	.01	.01								
SOMERSET 1 N	5.81			.02				.41	.18				.82	.50	.34	.12	1.18			T	.63	.02	.88	.63					.08				
SPRINGFIELD	6.55			2.14									.75	.85	.05	1.05	.40	.36		.55	.15			T							.25		
STEARNS	4.92			.10	T			.17	T	.07			.13	.72	.08	.62	2.53	.07				.12		.12			.13			.06			
SUMMER SHADE	5.71					.04		.09					.73	.15	.78	.38	.99				2.21	.07		.08		.04			.15				
SUMMER SHADE SUBSTA	7.11			1.13				.11	.01				.63	.21	.12	.65	1.70	.12			1.88		.30	.07	.03					.15			
TAYLORSVILLE	4.71			T									.35	1.06		1.39	.25	.28			.85		.18	.23							.12		
TURKEY CREEK SCHOOL	3.94	.01		.16				1.54				.01	.99	.15		.60	.10	.02		.02	.03			.03		.27			.01				
TYRONE LOCK 5	7.95			.21				.26					T	1.11	.03	1.64	.46	.09	T	.23	.48	.03		.30	.03					.48	2.60		
UNIONTOWN DAM 49	5.05			1.01				.02	.01				.20	.01	.83	.02	.15			.83	.10	.01		.14	.05	.09		.54	.74				
VALLEY VIEW LOCK 9	6.96			.96				.02					.40	.79	.04	1.45	.60	.24	.03		.02	1.52	.03		.12	.05							
VANBUREN	6.12			.10									.10	1.40	.12	1.47	.20	.28		1.34	.14	.08			.05								
VANCEBURG DAM 32	5.25					.24	.62	.03		.07			.60	.37	.34	1.89	.02	.11	.04		.14	.05		.60	.03					T	T	.10	
WARSAW MARKLAND DAM	9.26			T		.64	T						.18	.50	1.95	.92	.14		.04		1.00	.47			.21	.28				2.93			
WAYNESBURG 7 NE	7.27			.37	.02			.13	.28				.25	.56	.20	.39	2.54	1.72	T	.05	.02			.41						T	.08	.25	
WILLIAMSBURG 2	4.89			.05	.01			.01	.03	.19			.11	.40	.08	1.27	1.30	.71					.15	.06	.11	.41							
WILLIAMSTOWN 5 WSW	6.44			.27		.13		.06					.22	.70	.94	.92	.16					.04	.39	.07	.40	.54			.21	1.39			
WILLOW LOCK 13	9.06						.03						.15	1.03		.31	2.15	.95	.22	.23	.46				.32					.99	1.86		
WOLF CREEK DAM	4.27			.30	.03			.39					.11	.70		.54	.90	.09				T	.08	.08	.54					.51			
WOODBURY LOCK 4	4.54			.11				T	T				1.00	.25	.02	.75	.22	.60		.05	.11		.03	.05		.80			.48	.07			

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T.

In the Station Index the letters C, G, N, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- N "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
- Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- * Amount included in following measurement, time distribution unknown.
- Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., EST of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

DAILY TEMPERATURES

KENTUCKY
JULY 1961

Station		Day Of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
AODISON OAM 45	MAX	89	90	88	84	88	89	78	82	78	80	86	88	70	82	81	80	86	86	86	86	86	84	88	89	89	86	85	84	86	86	90	90	85.0
	MIN	61	64	60	54	54	64	59	58	58	54	56	56	64	64	65	64	65	68	68	68	64	66	67	68	64	63	62	62	64	70	70	62.7	
ANCHORAGE	MAX	90	89	81	85	89	86	84	78	81	83	85	73	80	82	79	81	82	85	82	82	86	89	88	88	83	82	84	85	84	87	91	89	84.0
	MIN	62	64	66	53	66	65	63	60	51	49	51	60	67	64	64	64	63	63	68	68	67	68	68	70	66	62	61	64	71	73	71	63.6	
ASHLAND	MAX	89	91	91	84	83	85	77	84	77	78	82	84	74	84	85	78	77	80	87	84	87	88	89	91	85	85	84	85	88	87	89	84.3	
	MIN	62	62	63	51	52	62	61	59	50	49	47	53	57	54	62	66	64	61	61	69	68	68	69	68	68	66	63	63	66	68	69	61.3	
BARBOURVILLE	MAX	89	90	84	87	90	90	85	80	76	80	80	77	80	83	82	82	85	84	86	89	91	90	90	87	90	89	86	89	88	89	92	85.8	
	MIN	60	63	65	53	55	63	60	60	52	48	50	61	65	61	63	65	62	64	65	69	67	66	66	68	69	68	65	62	66	66	66	62.4	
BARSTOWN S J PREP SCH	MAX	91	90	84	86	90	89	85	80	81	85	85	78	82	83	83	84	85	86	85	86	88	90	89	85	86	85	88	88	88	91	92	86.1	
	MIN	58	63	62	50	62	60	62	60	50	49	51	60	64	61	65	64	64	62	65	67	61	67	67	68	67	63	59	69	69	74	68	62.3	
BAXTER	MAX	87	89	86	81	86	87	85	81	81	77	82	79	73	81	83	83	74	84	85	84	88	91	86	85	87	86	84	86	88	86	86	83.9	
	MIN	60	60	65	54	55	59	60	62	56	47	49	52	60	65	65	68	66	67	64	65	67	69	69	67	68	68	66	64	64	68	65	62.4	
BEAVER OAM	MAX	90	91	84	89	89	85	87	85	82	83	84	77	84	84	83	85	85	88	89	88	89	90	89	86	87	87	86	85	90	92	91	86.6	
	MIN	66	66	68	54	62	62	68	60	54	52	55	63	66	69	68	67	68	66	68	70	67	70	70	71	70	67	63	69	71	75	71	65.7	
BENHAM	MAX	90	90	89	90	90	89	87			84	81	80	77	83	85	84	83	85	85	86	89	90	85	87	87	85	85	87	88	85	86.0		
	MIN	63	69	64	56	57	57	57			43	46	48	64	63	61	59	63	62	62	67	67	65	67	63	68	64	63	59	62	64	64	60.9	
BENTON 2	MAX	90															88	85				90	90	87	85		89	87	90	93	93	93	93	
	MIN	61	69		53	58	60	66	58	53	51	54	63	65	68	68	65	65	62			65	70	70	65		65	65	65	70	69	72	69	63.7
BEREA COLLEGE	MAX	90	90	87	86	89	87	88	82	79	82	82	79	82	85	80	83	86	87	86	86	89	90	90	85	87	86	86	88	88	91	91	86.0	
	MIN	64	71	65	56	64	67	62	57	51	52	55	60	68	69	66	67	68	67	70	71	68	69	70	67	70	69	60	62	71	73	69	65.1	
BLAINE 1 W	MAX	90	92	88	87	85	88	82	81	78	83	83	83	81	81	87	80	77	81	83	88	88	91	93	92	87	85	85	88	89	86	87	85.5	
	MIN	58	61	66	65	64	64	64	56	49	48	47	59	63	60	65	65	60	61	63	67	67	66	66	65	67	64	64	60	63	64	69	66	61.9
BONNIEVILLE	MAX	90	90	84	88	89	84	84		84	85	85	79	79	85	82	84	84	87	88	87	87	89	90	86	87	89	89	87	88	92	91	86.4	
	MIN	59	62	67	50	59	57	67		51	48	49	56	59	63	69	61	67	63	62	62	66	69	65	69	69	67	58	61	70	73	69	62.2	
BOWLING GREEN FAA AP	MAX	93	91	87	92	92	80	86	86	82	87	85	80	83	83	82	84	86	87	88	89	88	91	89	87	89	89	86	84	92	94	93	87.3	
	MIN	66	67	67	56	64	62	65	59	58	54	56	64	68	71	69	69	69	69	71	72	69	71	70	70	70	69	63	67	70	73	71	66.4	
CAMPBELLSVILLE	MAX	89	88	84	85	87	84	85	82	82	84	84	77	81	84	82	82	85	86	85	87	90	89	89	89	86	88	89	86	86	88	90	85.6	
	MIN	62	65	67	54	62	62	67	58	54	52	54	62	68	68	67	67	68	65	68	69	68	69	69	69	70	68	63	64	69	66	68	64.8	
CARROLLTON LOCK 1	MAX	93	92	85	90	92	88	84	83	80	84	86	84	80	81	78	83	85	86	85	83	87	89	89	88	86	84	87	85	88	86	89	85.8	
	MIN	61	67	67	52	67	69	66	63	51	50	54	60	66	65	66	65	64	64	69	67	66	69	70	71	68	64	64	65	72	71	73	64.7	
CECILIA	MAX	88	90	91	82	86	89	84	85	81	81	82	83	74	83	80	82	83	84	86	85	87	88	90	90	85	86	85	87	85	92	94	85.4	
	MIN	62	65	68	54	55	61	63	59	52	51	51	55	67	68	68	65	64	63	67	68	65	66	67	70	67	65	60	61	69	70	68	63.0	
CLERMONT 1 SSE	MAX	94	92	95	88	93	92	91	90	84	86	89	86	80	87	83	88	85	87	88	86	90	92	94	92	89	89	91	91	90	93	94	89.3	
	MIN	62	62	68	53	63	62	62	58	51	50	51	61	60	67	67	68	65	64	62	69	69	67	70	68	71	70	64	60	72	72	71	63.9	
COVINGTON WB AIRPORT	MAX	93	89	84	83	87	78	85	77	81	84	88	70	60	81	76	83	85	90	83	84	91	91	91	85	85	86	90	87	90	90	94	85.2	
	MIN	67	70	64	58	65	66	63	61	54	55	61	61	67	66	67	65	66	65	69	67	67	69	72	68	68	63	65	69	73	71	70	65.5	
CYNTHIANA 2	MAX	92	92	92	86	88	90	83	86	79	82	85	88	83	84	86	82	84	87	90	88	87	91	93	93	88	88	86	89	90	90	90	87.5	
	MIN	58	64	67	50	63	66	66	57	46	58	50	56	64	63	66	66	61	60	67	67	66	67	67	68	62	62	59	61	71	70	70	62.5	
DANVILLE	MAX	88	89	89	83	85	87	87	82	78	80	83	84	73	80	84	80	78	81	85	84	85	88	90	88	84	85	87	87	86	87	91	84.5	
	MIN	61	65	63	54	62	62	62	56	51	53	55	57	58	66	65	64	66	63	65	69	65	67	68	66	67	68	65	67	65	70	67	62.5	
DEWEY DAM	MAX	89	90	90	89	86	89	84	82	77	78	81	84	76	82	86	82	76	83	87	85	88	90	87	89	88	86	86	87	87	85	85	85.0	
	MIN	61	64	66	66	65	64	65	60	54	51	56	54	6																				

DAILY TEMPERATURES

KENTUCKY
JULY 1961

Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
IRVINGTON	MAX MIN	93 67	93 68	88 68	92 53	93 66	84 65	89 65	82 61	83 54	87 51	88 54	81 63	84 67	83 69	82 68	86 65	87 65	90 65	89 68	88 69	89 67	92 70	92 71	88 70	88 66	91 62	87 68	93 72	93 75	94 75	88.3 65.6	
JACKSON	MAX MIN	89 58	91 60	90 65	84 54	85 56	88 62	85 64	80 63	76 53	79 50	81 50	82 50	71 59	81 64	85 64	82 67	77 63	84 64	85 64	81 62	88 62	87 66	90 67	88 69	87 65	82 66	87 66	87 62	86 63	85 68	85 67	84.0 61.4
LEITCHFIELD	MAX MIN	90 67	90 67	84 67	87 57	88 65	84 63	83 67	81 62	80 57	83 56	84 56	82 63	82 66	81 68	81 68	83 65	87 67	91 67	87 68	90 67	90 69	89 70	85 69	86 65	86 66	86 64	85 60	90 70	90 75	85.9 66.1		
LEXINGTON WB AIRPORT	MAX MIN	91 68	91 68	83 64	85 59	89 68	87 66	83 66	77 60	80 55	83 56	86 61	73 62	80 68	83 67	81 65	81 66	83 69	86 66	86 68	84 70	88 71	90 70	88 70	85 69	85 65	85 65	87 67	89 72	87 71	90 71	84.9 66.2	
LONDON FAA AIRPORT	MAX MIN	88 59	88 61	82 57	85 51	85 58	84 60	80 60	77 57	77 53	80 45	79 48	73 62	79 67	82 67	80 60	74 65	81 62	83 62	85 67	86 70	86 66	84 66	83 65	84 69	84 65	84 62	84 60	86 69	88 70	82.5 61.8		
LOUISVILLE	MAX MIN	94 70	93 71	87 64	91 63	94 74	92 72	90 72	81 64	84 60	86 60	88 59	75 66	84 69	84 70	82 76	86 68	87 66	89 69	87 71	87 72	91 73	93 74	93 73	89 74	88 70	87 69	88 70	93 75	97 78	95 78	88.5 69.5	
LOUISVILLE WB AP	MAX MIN	90 64	90 67	84 61	88 54	90 71	87 59	85 65	79 60	81 52	83 52	85 52	76 64	83 68	82 67	83 69	85 67	87 66	88 66	86 71	86 70	89 70	92 72	91 71	88 70	86 67	86 71	87 68	94 75	93 76	86.6 66.4		
LOVELACEVILLE	MAX MIN	94 67	90 68	87 68	92 58	93 62	87 63	85 69	85 61	83 56	86 52	88 57	77 63	88 66	88 68	83 65	88 64	89 71	90 66	92 67	91 70	91 72	89 70	89 69	91 65	88 66	90 66	91 70	92 73	94 73	94 70	88.6 65.8	
MADISONVILLE 1 SE	MAX MIN	91 69	90 70	84 68	89 57	89 65	86 65	87 68	86 62	83 55	83 53	82 56	80 63	85 66	85 69	82 66	85 67	87 68	88 70	89 69	88 70	89 71	90 73	88 71	88 68	90 70	88 63	86 72	90 76	94 74	87.0 66.8		
MAMMOTH CAVE PARK	MAX MIN	83 64	86 67	85 67	87 54	86 55	83 63	81 65	80 53	80 53	81 52	81 56	77 63	79 65	80 69	78 67	80 67	81 68	84 68	84 69	85 66	86 69	87 69	86 66	84 65	84 67	85 62	85 70	89 73	89 71	83.4 64.8		
MANCHESTER 4 SE	MAX MIN	91 60	90 61	87 66	87 52	89 57	88 60	84 61	80 63	78 53	83 46	85 47	76 61	82 64	86 66	83 64	80 66	85 63	88 64	89 65	90 69	90 65	88 65	88 66	87 66	87 69	87 64	89 63	88 67	88 69	91 66	86.2 62.5	
MAYFIELD	MAX MIN	93 71	89 70	85 68	90 58	89 63	84 66	88 67	84 61	82 58	84 56	79 62	77 64	84 66	85 70	79 68	87 68	88 65	89 70	87 65	88 67	89 70	89 73	88 72	87 69	85 64	84 66	86 67	90 70	91 73	91 73	86.4 66.7	
MAYSVILLE OAM 33	MAX MIN	91 58	91 64	90 64	84 52	85 62	87 64	81 66	84 59	76 52	79 52	83 52	73 54	81 59	83 64	81 65	76 66	81 61	83 61	88 64	85 66	85 68	91 69	90 68	84 65	85 64	83 65	86 66	85 68	89 69	84.4 62.4		
MIDDLESBORO	MAX MIN	90 60	89 62	82 64	86 52	87 54	86 59	81 62	83 61	78 54	81 46	80 48	76 60	81 68	83 68	81 65	80 65	84 63	82 64	82 65	87 66	90 66	88 65	87 66	87 66	89 66	85 64	87 60	88 66	89 68	91 68	84.6 62.2	
MONTICELLO	MAX MIN	90 60	88 62	83 65	87 51	87 57	85 59	82 64	83 60	80 51	82 48	80 49	78 62	84 67	85 69	83 68	78 67	85 66	86 64	85 70	88 72	86 66	90 67	87 68	86 69	87 69	85 63	88 60	85 65	89 69	91 68	85.4 63.3	
MOUNT STERLING	MAX MIN	89 63	89 67	83 66	86 57	88 64	84 65	80 64	78 58	78 52	80 52	83 55	78 62	81 67	84 65	74 67	78 65	81 61	86 66	84 70	83 68	86 69	89 70	89 66	84 66	85 62	85 62	86 63	86 68	91 70	83.8 64.2		
MURRAY	MAX MIN	94 70	94 68	86 69	90 59	90 65	90 66	89 65	85 66	82 66	84 55	82 63	79 64	83 66	80 66	85 69	87 66	87 65	89 66	92 66	92 71	92 70	93 71	91 70	89 66	87 67	91 67	92 70	93 72	93 73	93 70	88.4 67.4	
OWENSBORO 2 W	MAX MIN	93 68	92 69	87 69	91 55	93 65	84 65	91 67	84 58	87 58	90 52	82 56	80 64	85 65	84 70	82 70	85 67	88 67	87 67	87 68	89 68	90 72	88 70	86 70	86 70	87 63	90 63	90 71	93 72	92 72	87.7 66.4		
PADUCAH FAA AIRPORT	MAX MIN	92 69	87 70	84 67	89 61	89 68	85 69	86 66	81 62	79 57	83 55	84 61	74 65	85 68	86 71	77 67	87 65	86 67	87 65	88 66	87 68	88 72	90 74	84 69	87 66	86 68	86 70	81 72	90 75	90 74	85.6 67.2		
PAUCAH	MAX MIN	96 68	93 67	87 68	92 58	93 64	89 64	89 69	87 62	83 57	85 53	86 57	84 65	88 67	87 70	87 67	88 67	88 64	91 71	92 67	91 68	92 73	92 74	90 73	90 69	89 67	89 68	81 69	92 70	93 72	92 73	89.2 66.8	
PARADISE STEAM PLANT	MAX MIN	92 61	94 58	88 57	82 44	84 51	85 62	85 57	84 60	79 55	80 53	84 51	81 51	75 64	81 68	80 68	79 67	82 70	83 67	93 67	95 68	93 74	91 73	90 70	89 69	90 66	90 64	91 67	85 72	91 70	83 70	86.2 62.9	
PIKEVILLE	MAX MIN	92 60	93 66	85 66	89 59	91 64	87 65	82 64	76 67	79 55	84 50	83 51	73 61	85 64	88 65	87 65	79 66	87 64	90 64	87 68	88 68	90 68	90 68	88 69	88 66	88 69	88 66	89 66	86 68	88 68	88 70	86.3 64.5	
PRINCETON	MAX MIN	92 66	89 67	86 69	93 55	91 57	92 60	87 69	82 61	82 57	84 54	79 55	78 64	85 66	85 68	79 69	88 63	87 67	89 66	92 62	88 69	90 70	88 69	91 70	87 69	86 62	91 64	89 64	86 70	88 72	92 70	87.5 64.9	
RUSSELLVILLE	MAX MIN	91 66	92 66	85 65	89 56	90 62	81 66	87 59	84 55	80 63	83 57	85 56	84 63	80 68	87 66	86 66	85 66	88 66	89 66	90 67	90 68	92 70	91 71	87 69	87 65	88 62	87 63	92 71	93 70	93 73	87.7 65.8		
SCOTTSVILLE	MAX MIN	91 64	90 65	85 68	88 53	89 60	82 63	86 67	84 58	80 53	84 51	78 62	73 61	83 67	84 69	84 67	88 69	87 67	88 67	87 67	89 67	90 67	90 69	89 68	88 65	88 64	88 62	84 69	91 72	92 71	86.4 65.0		
SHELBYVILLE	MAX MIN	88 64	90 67	90 67	83 54	85 59	89 66	87 64	84 62	77 55	81 54	82 56	73 63	75 62	81 65	81 64	81 65	81 64	84 65	83 67	81 68	86 70	88 70	88 66	84 66	83 64	84 63	86 65	83 70	87 71	84.3 64.4		
SOMERSET 1 N	MAX MIN	90 62	88 62	84 65	87 50	87 58	87 58	82 64	82 57	79 52	80 46	80 44	77 60	82 64	85 66	82 61	80 65	85 63	85 64	83 67	88 67	88 64	89 65	86 66	88 65	85 66	86 61	86 60	86 65	87 64	91 64	84.7 61.5	
STEARNS	MAX MIN	86 61	89 61	87 64	84 53	85 55	87 57	82 60	80 59	80 53	76 50	80 52	86 56	76 61	81 66	85 65	81 65	75 63	84 63	81 66	82 66	90 67	89 68	88 66	86 66	86 66	86 62	85 61	88 62	85 66	88 68	83.9 61.9	
SUMMER SHADE	MAX MIN	90 60	90 65	90 60	90 53	89 59	81 66	85 68	80 58	85 56																							

EVAPORATION AND WIND

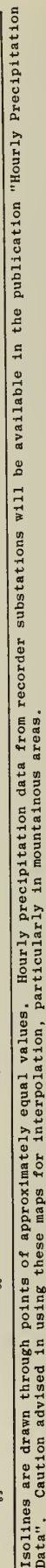
KENTUCKY
JULY 1961

Station		Day of month																															Total or Avg
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DEWEY DAM	EVAP WIND	.21 2	.23 4	.25 17	.18 10	.20 7	.20 3	.07 2	.14 4	.09 4	.12 8	- 4	.13 2	.00 0	.11 17	.21 11	.09 9	- 9	.19 4	* 15	* 3	.38 3	.27 5	.10 6	.10 3	.18 15	.20 15	.23 6	.15 1	.17 5	.11 10	.20 2	B4.82 207
DIX DAM	EVAP WIND	.37 *	.22 *	- *	- *	.21 149	.27 34	.29 29	.21 25	.29 36	.23 39	.26 32	.23 16	.34 44	.20 58	.39 39	.08 51	.10 35	.12 42	.19 38	- 46	- 67	* *	.14 29	.28 31	.24 26	.19 49	.24 52	.25 29	.18 18	.10 55	- 60	B6.63 1159
MADISONVILLE 1 SE	EVAP WIND	.31 23	.28 36	.34 54	.37 34	.33 37	.32 27	.06 12	.32 25	.42 23	.19 17	.28 14	- 18	.03 31	.21 41	- 39	.27 36	.28 44	.28 18	.32 60	.28 30	.25 27	.28 50	.33 47	.00 50	.00 54	.14 18	.28 12	.00 21	.00 33	.30 44	.30 42	B7.24 1017
WOLF CREEK DAM	EVAP WIND	.23 10	.15 11	.28 14	.20 20	.46 10	.32 10	.17 10	.12 15	.20 6	.26 17	.27 15	.13 9	.00 26	.13 11	.01 28	.00 19	.14 21	.06 19	.16 10	.16 12	.27 12	.18 17	.15 14	.20 8	.09 7	.15 11	.21 12	.12 3	.17 6	.21 6	.01 6	5.26 394

Dix Dam - Evaporation pan is coated with aluminum paint inside and out each year before being placed in operation.

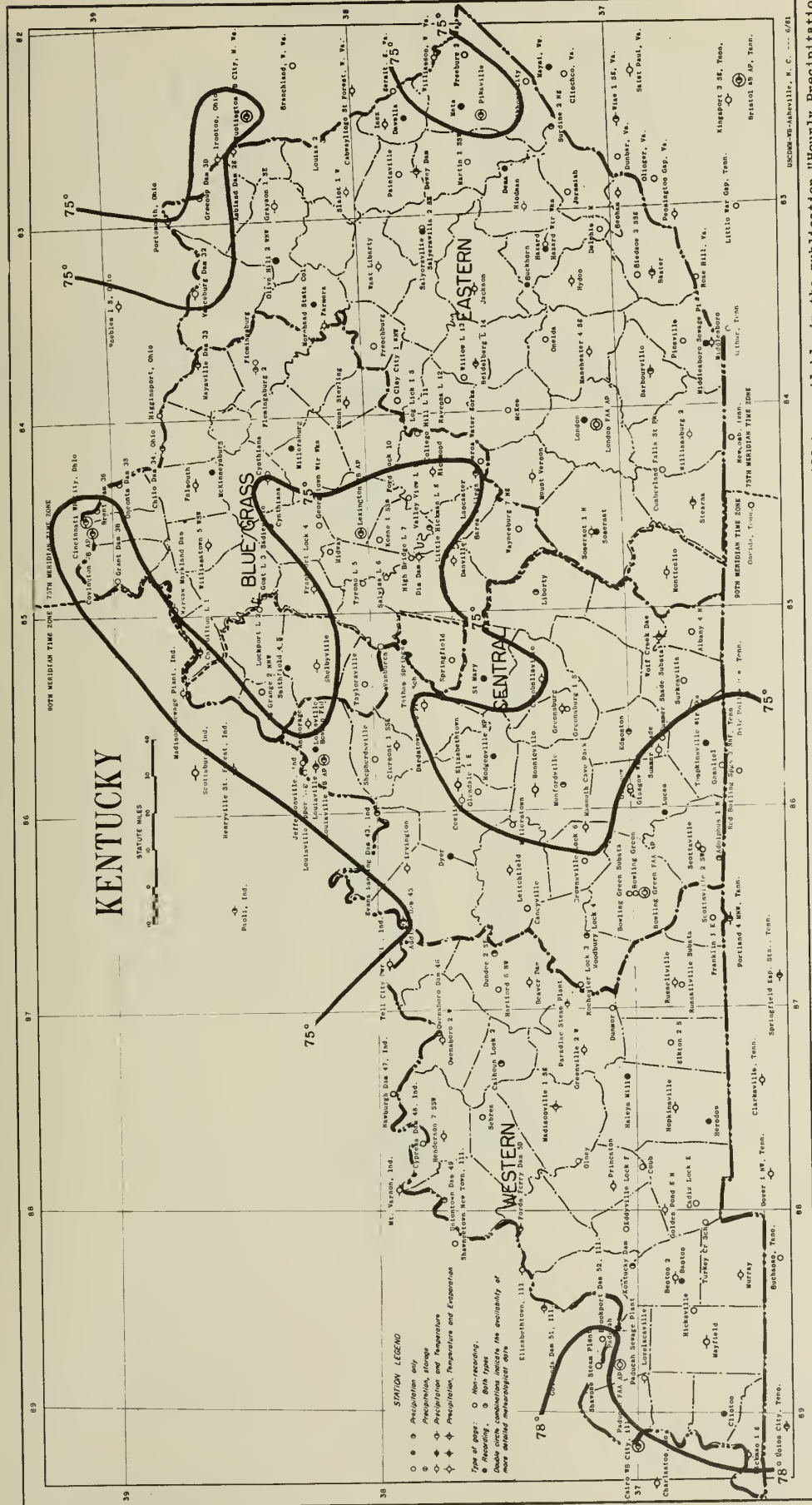
See Reference Notes Following Station Index

KENTUCKY
JULY 1961



AVERAGE TEMPERATURE

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JULY 1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

KENTUCKY
JULY 1961

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
							TEMP.	PRECIP.	EVAP.	SPECIAL		
ADDISON DAM 45	0033	BRECKINRIDGE	2	37 55	86 34	380	6A				C	CORPS OF ENGINEERS
ALBANY 4 N	0043	CLINTON	2	36 45	82 08	1000	7A				C	MRS. BARBARA M. COOL
ANCHORAGE	0155	JEFFERSON	2	37 16	85 33	700	7P				C	CHARLES G. BARRETT
ASHLAND	0254	BOYD	2	38 27	82 36	555	7A				C	ASHLAND WATER PLANT
BANDERVILLE	0381	KNOX	2	36 52	83 53	1000	6P				C	UNION COLLEGE
BARSTOWN 5 J PREP SCH	0397	NELSON	8	37 48	85 28	631	5P				C	H. ST. JOSEPH PREP. SCHOOL
BAXTER	0450	HARLAN	2	36 51	83 20	1164	7A				C	C. HOMER MOLAN
BEAVER DAM	0490	OHIO	3	37 25	86 52	441	6P				C	H. E. G. YOUNG
BENJAMIN	0595	HARLAN	2	36 50	82 57	1585	8A				C	C. C. WHITEAKER
BENTON	0611	MARSHALL	9	36 51	88 20	395					C	JAMES H. MILLER
BENTON 2	0615	MARSHALL	9	36 51	88 20	305	5P				C	RADIO STATION WCLB
BEREA COLLEGE	0619	MADISON	4	37 34	84 18	1070	6P				C	JAMES A. GROSSMAN
BEREA WATER WORKS	0624	MADISON	4	37 33	84 15	1010	7A				C	MRS. LAURA B. GABBARD
BLAINE 1 W	0752	LAWRENCE	1	38 02	82 52	690	8A				C	JOHN LEE BURTON
BONNIEVILLE	0854	HART	3	37 23	85 54	684	5P				C	WILLIAM L. FERRISS
BOWLING GREEN	0904	WARREN	3	37 00	86 26	536	7A				C	JAMES R. EDWARDS
BOWLING GREEN SUBSTA	0907	WARREN	3	37 01	86 26	470	5A				C	TVA-639
BOWLING GREEN FAA AP	0909	WARREN	3	36 58	86 26	530	MID				C	WOODSON O. FRANKLIN
BRENT DAM 36	0978	CAMPBELL	7	39 03	84 25	497	7A				C	CORPS OF ENGINEERS
BROWNVILLE LOCK 6	1046	EDMONSON	3	37 12	86 16	405	7A				C	ELDRIDGE SKAGGS
BUCKHORN	1080	PERRY	4	37 21	83 23	936					C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	PIKE	1	37 13	82 35	1643	8A				C	EDWIN E. JOHNSON
BURKESVILLE	1137	CUMBERLAND	2	36 47	85 22	600	7A				C	MARVIN M. LEE
CADIZ LOCK	1206	TRIGG	2	36 46	87 58	384	7A				C	CORPS OF ENGINEERS
CALHOUN LOCK 2	1227	MC LEAN	3	37 32	87 16	402	7A				C	CORPS OF ENGINEERS
CAMPBELLVILLE	1256	TAYLOR	3	37 20	85 21	771	6P				C	ALVA M. KINLEY
CANTONVILLE	1294	GRAYSON	3	37 25	86 30	600	7A				C	G. V. COX SR.
CARROLLTON LOCK 1	1345	CARROLL	5	38 41	85 11	480	4P				C	CORPS OF ENGINEERS
CECILIA	1406	HAROLD	6	37 40	85 57	734	7A				C	WILLIAM S. VERTREES
CLAY CITY 1 WNW	1576	POWELL	4	37 52	83 56	712	7A				C	JOEL W. MOUNTZ
CLERMONT 1 SSE	1611	BULLITT	8	37 55	85 40	540	5P				C	BERNHEIM FOUNDATION
CLINTON	1631	HICKMAN	6	36 41	89 20	390	5P				C	WOODSON O. FRANKLIN
COBB	1663	CALDWELL	2	36 59	87 47	490	7A				C	MRS. BENNIE B. WHITE
COLLEGE HILL LOCK 11	1704	ESTILL	4	37 47	84 06	611	7A				C	CORPS OF ENGINEERS
COVINGTON WB AIRPORT	1855	BOONE	7	39 04	84 10	869	MID				C	U.S. WEATHER BUREAU
CUMBERLAND FALLS ST PK	1969	WHITLEY	2	36 50	84 19	1070	5P				C	KY. DEPT. OF CONS.
CYNTHIANA	1998	HARRISON	5	38 23	84 16	684	7A				C	H. MARSHALL HILL
CYNTHIANA 2	2003	HARRISON	5	38 23	84 17	719	8A				C	KY. CAROLINA OILRY
DAVEILA	2040	BOYLE	4	37 39	84 46	955	7A				C	H. R. P. COLLIER
DELPHIA 1 E	2132	PERRY	1	37 48	82 32	700					C	MRS. EVA M. DAVIS
DEMA	2139	KNOTT	4	37 02	83 07	1647	6P				C	BALLARD P. WALKER, JR.
DEWEY DAM	2180	FLOYD	1	37 45	82 47	653	7A				C	HATTIE B. BARNEY
DIX DAM	2214	MERCER	4	37 48	84 87	870	4P				C	CORPS OF ENGINEERS
DUNDEE 2 SE	2358	MULLENBERG	3	37 33	86 43	431	7A				C	PHILLIP G. THACKER
DUNWOD	2366	MULLENBERG	3	37 05	87 00	592	7A				C	JESSE L. HARRIS
OVER	2391	BRECKINRIDGE	3	37 43	86 13	793	7A				C	N. D. GIVENS
EDDYVILLE LOCK F	2445	LYON	2	37 03	88 05	420	7A				C	LENA BLAIR
EDMONTON	2459	FRANKLIN	3	37 00	87 55	739	6P				C	CORPS OF ENGINEERS
ELIZABETHTOWN	2510	HARDIN	3	37 41	85 22	739	6P				C	HAJOI STATION WEL
ELKHORN CITY	2528	PIKE	1	37 18	82 21	800	7A				C	EDMOND O. BENNETT
ELKTON 2 S	2540	TODD	2	36 47	82 10	520	7A				C	S. RICHARD ANDERSON
FALMOUTH	2775	PENDLETON	5	38 40	84 20	560	6P				C	FRANK H. LAWSON
FARMERS	2791	ROWAN	8	37 33	86 33	888	8A				C	WILLIAM F. STAMPER
FLEMINGSBURG	2903	FLEMING	5	38 25	83 43	858	7A				C	MRS. ALMYRA B. HALL
FLEMINGSBURG 2	2908	FLEMING	5	38 25	83 45	911	6P				C	WILLIAM M. FISCHER
FORD LOCK 10	2953	MADISON	4	37 54	84 16	660	6A				C	CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	CRITTENDEN	7	37 28	88 06	356	MID				C	CORPS OF ENGINEERS
FRANKFORT LOCK 4	3028	FRANKLIN	3	38 14	84 52	504	6A				C	CORPS OF ENGINEERS
FRANKLIN 1 E	3036	SIMPSON	3	38 43	86 34	690	7A				C	MRS. KATIE O. NEAL
FREEBURN 2 SW	3046	PIKE	1	37 33	82 10	730	8A				C	MRS. ALTA S. GOOLIN
FRENCHBURG	3052	MEADE	5	37 57	83 39	864	7A				C	MRS. ESTHER WILSON
GAMALIEL 1 S	3112	MORRIS	3	36 38	85 43	759	7A				C	E. C. OCKENFORD
GEORGETOWN WATER WORKS	3194	SCOTT	4	38 12	84 33	888	8A				C	WILLIAM F. BRANBLETT
GEST LOCK 3	3203	HENRY	4	38 25	84 53	490	7A				C	CORPS OF ENGINEERS
GLASGOW	3241	BARREN	3	37 00	85 55	780	7A				C	EMILY M. BEAM
GLASGOW WKAY	3246	BARREN	3	37 00	85 55	808	6P				C	RADIO STATION WKAY
GLENDALE 1 E	3252	HAROLD	3	37 36	85 54	710	7A				C	DEWEY S. HILL
GOLDEN POND 8 N	3295	TRIGG	2	36 54	88 00	393	4P				C	FISH & WOLF. REFUG.
GRANT DAM 38	3358	BOONE	7	38 59	84 50	503	7A				C	CORPS OF ENGINEERS
GRAYSON 1 SE	3392	CARTER	7	38 19	82 56	900	6A				C	ALBERT G. SWANAGAM
GREENSBURG	3430	GREEN	3	37 15	85 30	630	7A				C	HOWARD PICKETT
GREENSBURG 1 S	3435	GREEN	3	37 15	85 30	595	6P				C	ROBERT C. LANDERS
GREENUP DAM 30	3443	GREENUP	7	38 37	82 51	538	7A				C	CORPS OF ENGINEERS
GREENVILLE 2 W	3451	MULLENBERG	3	37 12	87 12	519	5P				C	C. R. LOVELL
HALEYS MILL	3539	CHRISTIAN	3	37 03	87 20	740					C	CLEATUS E. BRINKLEY
HARTFORD 6 NW	3652	OHIO	3	37 32	86 54	429	8A				C	DAVID E. CARSON
HAZARD	3709	PERRY	4	37 15	83 12	869	4P				C	H. A. BAILEY
HAZARD WATER WORKS	3714	PERRY	4	37 15	83 11	880	7A				C	H. LEE J. HOGSTON
HEIDELBERG LOCK 14	3741	LEE	4	37 33	83 46	663	5P				C	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	HENDERSON	7	37 45	89 38	382	6P				C	H. FRANK STREET
HERNDON	3790	CHRISTIAN	2	36 44	87 34	512	7A				C	C. W. KEATIS
HICKMAN 1 E	3816	FULTON	6	36 34	89 10	362	7A				C	MRS. MEL S. CALVIN
HICKSVILLE	3821	GRAVES	9	36 48	88 30	440	7A				C	TVA-679
HIGH BRIDGE LOCK 7	3837	JESSAMINE	4	37 49	84 43	544	7A				C	CORPS OF ENGINEERS
HINDMAN	3899	KNOTT	4	37 20	82 59	1190	5P				C	LUTHER RITCHIE
HODGENVILLE NAT PARK	3929	LARUE	3	37 32	85 44	788					C	NATIONAL PARK SERVICE
HOPKINSVILLE	3994	CHRISTIAN	2	36 51	87 30	540	7A				C	NEWELL F. SMITH
HYDEN	4093	LESLIE	4	37 10	82 23	890	7A				C	MRS. FERN F. ELAM
INEZ	4134	MARTIN	1	37 52	82 32	638	6P				C	UNITED FUEL GAS CO.
IRVINGTON	4165	BRECKINRIDGE	3	37 53	86 17	648	7P				C	FLOYD G. ROBBINS
JACKSON	4196	BREATHITT	4	37 33	83 23	795	7A				C	JAMES O. MALONEY
JEREMIAH	4255	LEITCHER	4	37 10	82 56	1150	5P				C	HOBART ISON
KEENE 1 SSW	4369	JESSAMINE	4	37 57	84 38	941	7A				C	HUGH W. BUFFIN
KENTUCKY DAM	4414	LIVINGSTON	9	37 01	88 16	362	5A				C	TVA-379-A
LA GRANGE 2 NW	4595	OLDHAM	7	38 26	85 23	880	5P				C	S. R. VARABLE
LANCASTER	4620	GARRARD	4	37 37	84 35	1032	8A				C	KENTUCKY UTILITIES CO.
LEITCHFIELD	4703	GRAYSON	3	37 29	86 18	642	6P				C	KY. STEEL/LEATHER
LEXINGTON WB AIRPORT	4746	FAYETTE	4	38 02	84 36	979	MID				C	U.S. WEATHER BUREAU
LIBERTY	4755	CASEY	3	37 21	84 55	772	7A				C	PALLIA F. HANKLA
LITTLE HICKMAN LOCK 8	4825	JESSAMINE	4	37 45	84 35	521	7A				C	CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	HENRY	4	38 26	84 58	485	7A				C	CORPS OF ENGINEERS
LOGLOCK 1 S	4882	CLARK	4	37 51	84 02	773	7A				C	MURBERT BURGER
LONDON	4893	LAUREL	2	37 08	84 04	1195					C	KNOXVILLE FERTILIZER CO.
LONDON FAA AP	4898	LAUREL	2	37 05	84 05	1191	MID				C	FED. AVIATION AGENCY
LOUISA 2	4946	LAWRENCE	1	38 07	82 36	585	8A				C	HAROLD C. FERGUSON
LOUISVILLE	4949	JEFFERSON	7	38 14	85 46	462	MID				C	LOUISVILLE G. & E. CO.
LOUISVILLE BOWMAN FLD	4951	JEFFERSON	7	38 13	85 40	558	MID				C	CORPS OF ENGINEERS
LOUISVILLE WB AP	4954	JEFFERSON	7	38 11	85 44	474	MID				C	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	JEFFERSON	7	38 17	85 48	403	6P				C	CORPS OF ENGINEERS
LOVELACEVILLE	4967	BALLARD	6	36 58	88 50	370	5P				C	BLAINE MALONE
LUCAS	5002	BARREN	3	36 53	86 02	730	7A				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5061	HOPKINS	3	37 19	87 29	498	5P				C	HOMER WELBORN, JR.
MANMOUTH CAVE PARK	5097	EDMONSON	3	37 11	86 05	800	5P				C	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	CLAY	4	37 06	83 43	850	6P				C	NORA S. WHITE
MARTIN 1 SSW	5171	FLOYD	1	37 33	82 45	655	7A				C	JAMES O. HUGHES
MAYFIELD	5230	GRAVES	6	36 44	88 39	364	6P				C	MAYFIELD ELEC. & WTR. CO.
MAYSVILLE DAM 33	5243	MASON	7	38 38	83 42	515	7A				C	CORPS OF ENGINEERS
MC KEE	5291	JACKSON	3	37 26	84 00	1000	6A				C	MRS. WINNIE W. MORAN
MC KINNEYSBORO	5301											

1.05
KE
U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

AUGUST 1961
Volume 56 No. 8



ASHEVILLE: 1961

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KENTUCKY - AUGUST 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 97° on the 13th at Williamsburg 2

Lowest Temperature: 48° on the 14th at Benham

Greatest Total Precipitation: 8.37 inches at Willow Lock 13

Least Total Precipitation: 0.69 inch at Franklin 1 E

Greatest One-Day Precipitation: 3.15 inches on the 21+ at 2 stations

CLIMATOLOGICAL DATA

KENTUCKY
AUGUST 1961

Station	Temperature										Precipitation													
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Dole	Lowest	Dole	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days			
																		Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More	
										90° or Above	32° or Below	32° or Below	0° or Below											
WESTERN																								
BEAVER DAM	85.3	63.4	74.4		91	2+	55	22	0	5	0	0	0	2.86		.93	12	.0	0		6	2	0	
BENTON 2	86.7M	62.1M	74.4M		94	30	51	22	2	13	0	0	0	2.11		.67	20	.0	0		4	2	0	
FORDS FERRY DAM 50	85.7	65.4	75.6		94	1	54	22	0	9	0	0	0	3.81	.58	1.02	12	.0	0		7	3	1	
GOLOEN POND 8 N	87.8M	62.6M	75.2M		94	30	52	22	1	12	0	0	0	1.68		.67	31	.0	0		4	1	0	
GREENVILLE 2 W	86.0	63.5	74.8	- 1.9	93	30	54	22	0	7	0	0	0	2.96	-.59	.73	20	.0	0		7	3	0	
HENDERSON 7 SSW	86.0	64.0	75.0	- 2.3	93	29+	51	22	1	7	0	0	0	3.25	-.02	1.10	4	.0	0		6	3	1	
HICKMAN 1 E	87.7	63.0	75.4		95	2	54	22	0	16	0	0	0	1.53		.58	20	.0	0		6	1	0	
HOPKINSVILLE	86.8	63.2	75.0	- 2.8	95	3	54	22	0	10	0	0	0	2.56	-.85	1.10	25	.0	0		7	1	1	
LOVELACEVILLE	87.7	63.5	75.6	- 2.8	94	30+	51	22	3	17	0	0	0	2.73	-.71	.91	24	.0	0		7	2	0	
MADISONVILLE 1 SE	85.8	63.7	74.8		92	29+	55	22+	0	6	0	0	0	3.53		1.61	12	.0	0		5	2	1	
MAYFIELD	86.8	65.1	76.0		94	30	54	22	2	9	0	0	0	2.48		1.02	24	.0	0		6	2	1	
MURRAY	87.9	65.0	76.5	- 2.1	95	30	54	22	1	15	0	0	0	2.08	- 1.31	.61	20	.0	0		6	2	0	
OWENSBORO 2 W	87.3	63.7	75.5	- 1.3	94	30+	54	22	0	13	0	0	0	3.65	.23	1.63	25	.0	0		4	3	1	
PADUCAH FAA AIRPORT	84.8	64.7	74.8		92	2	52	22	3	4	0	0	0	4.58		1.64	24	.0	0		6	2	2	
PADUCAH	86.6	65.3	76.0		94	2+	52	22	2	12	0	0	0	3.98	.68	1.16	24	.0	0		6	4	1	
PARADISE STEAM PLANT	87.8	62.7	75.3		95	31	51	4	0	14	0	0	0	2.42		.90	12	.0	0		6	2	0	
PRINCETON	85.7	63.1	74.4	- 3.5	94	30+	52	22	2	6	0	0	0	3.74	.35	1.87	4	.0	0		7	2	1	
RUSSELLVILLE	85.7	63.3	74.5	- 2.7	93	30	55	22+	0	7	0	0	0	3.56	.19	.98	25	.0	0		7	3	0	
DIVISION			75.2	- 2.4										2.97	-.47			.0						
CENTRAL																								
ADDISON DAM 45	82.9	60.0	71.5		91	2+	53	22	4	2	0	0	0	4.88	- 1.64	1.62	12	.0	0		8	3	2	
ANCHORAGE	83.4	62.2	72.8	- 1.9	90	29+	53	14	0	3	0	0	0	1.84	- 1.70	.77	24	.0	0		4	1	0	
BARSTOWN S J PREP SCH	85.8M	60.0M	72.9M		94	11	52	14	0	6	0	0	0	4.59		2.25	12	.0	0		6	4	1	
BONNIEVILLE	85.8	60.7	73.3		93	1	52	14	0	6	0	0	0	4.03		1.10	9	.0	0		6	4	2	
BOWLING GREEN FAA AP	86.0	64.6	75.3	- 2.7	95	2+	57	22+	0	7	0	0	0	2.40	- 1.31	.84	21	.0	0		5	2	0	
CAMPBELLSVILLE	86.0	63.4	74.7		92	31+	54	14	0	8	0	0	0	5.99		1.92	21	.0	0		6	4	2	
CECILIA	83.7	61.4	72.6	- 2.9	93	2	54	14	2	5	0	0	0	4.47	.79	1.89	12	.0	0		6	3	2	
CLERMONT 1 SSE	88.4	61.8	75.1		95	30+	52	14	0	15	0	0	0	2.74		.94	12	.0	0		5	3	0	
GLASGOW WKAY	85.5	64.1	74.8		92	1	55	14	0	8	0	0	0	3.31		.98	15	.0	0		7	3	0	
GREENSBURG	85.5	62.8	74.2	- 1.9	92	30+	53	14	1	8	0	0	0	2.35	- 1.60	.48	21	.0	0		9	0	0	
IRVINGTON	87.1	63.3	75.2	- 1.2	94	30+	56	14	0	10	0	0	0	4.47	- 1.27	1.85	12	.0	0		7	3	1	
LEITCHFIELD	84.3	64.7	74.5	- 2.1	92	1	57	22+	0	4	0	0	0	3.61	.05	1.42	21	.0	0		5	2	2	
LOUISVILLE	87.1	67.3	77.2		96	1	62	22+	0	11	0	0	0	5.28		2.55	18	.0	0		10	2	1	
LOUISVILLE WB AP	85.6	64.5	75.1	- 1.0	94	1	54	14	0	7	0	0	0	1.56	- 1.50	.64	2	.0	0		4	1	0	
MAMMOTH CAVE PARK	82.4	63.8	73.1		88	30+	55	22	0	0	0	0	0	4.07		.90	21	.0	0		8	4	0	
SCOTTSVILLE	86.2	63.6	74.9		92	30+	56	14	0	6	0	0	0	2.22		.61	12	.0	0		7	1	0	
SUMMER SHADE	86.0	62.0	74.0		93	30+	55	13	0	9	0	0	0	2.40		.79	21	.0	0		4	3	0	
WOLF CREEK DAM	86.3	59.6	73.0		93	3	50	14	0	9	0	0	0	4.22		1.81	24	.0	0		6	2	2	
DIVISION			74.1	- 2.2										3.58	-.08			.0						
BLUE GRASS																								
BEREA COLLEGE	85.6	62.6	74.1	- 1.7	92	2+	53	14	0	2	0	0	0	6.89	- 2.72	3.00	21	.0	0		8	4	2	
CARROLLTON LOCK 1	83.8	62.9	73.4		90	1	54	14	0	1	0	0	0	3.34	-.26	.95	25	.0	0		6	3	0	
COVINGTON WB AIRPORT	84.9	63.9	74.4	.9	92	31	56	21+	0	4	0	0	0	1.07	- 2.27	.48	24	.0	0		2	0	0	
CYNTHIANA 2	86.9	59.4	73.2		94	30	51	14	1	10	0	0	0	2.98		1.20	12	.0	0		4	2	2	
DANVILLE	84.5	59.6	72.1		91	3+	52	22+	6	5	0	0	0	5.37	- 1.47	1.73	6	.0	0		8	3	2	
DIX DAM	84.9	64.0	74.5		91	1	56	14	0	2	0	0	0	2.41		.84	12	.0	0		8	1	0	
FALMOUTH	84.6	62.3	73.5		91	31+	54	14	0	3	0	0	0	3.03	-.11	1.01	25	.0	0		7	3	1	
FLEMINGSBURG 2	83.2	61.3	72.3		90	2+	51	14	0	2	0	0	0	4.28		1.00	11	.0	0		10	3	1	
FRANKFORT LOCK 4	85.7	62.4	74.1	- 2.1	93	2	54	14	0	8	0	0	0	3.39	-.21	1.30	12	.0	0		5	3	1	
LEXINGTON WB AIRPORT	83.6	64.5	74.1	-.9	90	31+	56	14	0	3	0	0	0	2.62	-.75	.86	12	.0	0		7	2	0	
MAYSVILLE DAM 33	83.7	61.7	72.7	- 2.0	91	1	53	13	0	1	0	0	0	4.19	-.05	.89	3	.0	0		11	2	0	
MOUNT STERLING	84.3	62.6	73.5		90	2	54	14	0	1	0	0	0	3.46	-.27	1.42	12	.0	0		6	3	1	
RICHMOND	84.5	62.9	73.7		92	1	55	14	3	4	0	0	0	3.36		.72	9	.0	0		8	2	0	
SHELBYVILLE	83.9	62.7	73.3	- 2.4	91	30	54	14	1	2	0	0	0	2.78	-.89	.73	1	.0	0		5	4	0	
WARSAW MARKLAND DAM	84.7	62.5	73.6	- 1.8	93	31	55	13	0	3	0	0	0	2.02	- 1.50	1.04	3	.0	0		4	1	1	
WILLIAMSTOWN 5 WSW	84.3	61.2	72.8	- 3.3	91	31+	54	14+	1	6	0	0	0	2.47	-.83	.96	25	.0	0		6	2	0	
DIVISION			73.5	- 2.1										3.35	-.41			.0						
EASTERN																								
ASHLAND	85.3	61.2	73.3	- 2.5	92	1	54	14	0	5	0	0	0	3.07	-.42	1.47	21	.0	0		7	1	1	
BARBOURVILLE	84.0M	61.8M	72.9M		92	31+	51	14	0	4	0	0	0	2.51		1.75	22	.0	0		4	1	1	
BAXTER	85.8	62.5	74.2		91	31+	53	14	0	4	0	0	0	1.57		.30	18	.0	0		7	0	0	
BENHAM	84.8	59.2	72.0		93	2	48	14	1	5	0	0	0	4.59		1.05	18	.0	0		11	2	1	
BLAINE 1 W	86.2	61.4	73.8		92	2+	53	14	0	5	0	0	0	3.51		.93	6	.0	0		7	2	0	
DEWEY DAM	85.6	63.8	74.7		91	2	54	14	0	2	0	0	0	4.07		1.31	10	.0	0		7	2	2	
FARMERS	85.9	62.1	74.0	-.1	91	31+	52	14	0	3	0	0	0	5.86	- 1.68	2.70	12	.0	0		9	3	1	
GRAYSON 1 SE	85.2	62.0	73.6		92	3	54	14	0	4	0	0	0	4.36		2.36	21	.0	0		8	2	1	
HEIDELBERG LOCK 14	85.5	62.3	73.9		91	2	54	14	0	3	0	0	0	5.71	- 1.63	3.15	21	.0	0		7	3	2	
HYDEN	87.3	60.2	73.8		92	31+	52	15+	0	11	0	0	0	3.44		1.31	21	.0	0		5	2	2	
JACKSON	84.6	62.0	73.3		90	30+	53	15	0	2	0	0	0	2.35		.59	21	.0	0		6	1	0	
LONDON FAA AIRPORT	82.4	59.9	71.2		88	30+	52	14	1															

CLIMATOLOGICAL DATA

KENTUCKY
AUGUST 1961

CONTINUED

CONTINUED

Station	Temperature											Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days					Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.							Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										90° or Above	80° or Above	70° or Above	60° or Above	50° or Above										
										32° or Below	22° or Below	12° or Below	0° or Below											
PIKEVILLE	86.7	66.0	76.4		92	28+	56	14	0	9	0	0	0	0	1.80	- 2.09	.45	24	.0	0		5	0	0
SOMERSET 1 N	84.6	60.3	72.5		90	30+	53	14	0	2	0	0	0	0	4.71		1.97	20	.0	0		6	3	2
STEARNS	84.2	61.2	72.7		91	31+	53	14	0	1	3	0	0	0	1.54		.34	19	.0	0		5	0	0
VANCEBURG DAM 32	85.5	62.8	74.2		91	29+	54	17+	0	4	0	0	0	0	3.84	.02	.80	11	.0	0		8	4	0
WILLIAMSBURG 2	88.9	61.9	75.4	- .8	97	13	51	14	0	20	0	0	0	0	3.01	.79	1.02	18	.0	0		7	2	1
DIVISION			73.7	- 1.5											3.44	.44			.0					

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	SSW	15	6.4	21	S	9	84	90	53	62	2	5	2	0	0	0	9	-	6.2
LEXINGTON WB AIRPORT	S	12	5.8	-	-	-	90	93	60	71	4	5	5	2	0	0	16	-	5.6
LOUISVILLE WB AIRPORT	N	12	5.5	24	W	2	86	91	60	65	4	6	3	1	0	0	14	61	5.9

See Reference Notes Following Station Index

KENTUCKY
AUGUST 1961

See reference notes following Station Index

DAILY PRECIPITATION

KENTUCKY
AUGUST 1961

Continued

Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PAOUCAH	3.98																																
PAINTSVILLE	4.36	.70		.52							.38	.75	.18								.74	.04	.40	1.16								.71	
PARADISE STEAM PLANT	2.42					.10	.03				.10	.51	.36							.05	.21	.30	T	.54	.10								
PIKEVILLE	1.80	.12	.22	.03			.09		.06	.25			.03								.02	.08	.06	.19	.80								
PINEVILLE	2.85			.15				.09	.25	.08	.60	.02			T					T					.45	.37							.02
PRINCETON	3.74		.08	.20	1.87								.75							.33	.07												
RAVENNA LOCK 12	6.81	1.20										1.35	.44	.80							.07		.01	.15	.10								.20
RICHMOND	3.36	.06		T			.05				.72	.19	.42	.47																			
ROCHESTER LOCK 3	2.39						.03							.35																			
RUSSELLVILLE	3.56			.97			.09				.70	.13		.39								.47	.05	.16	.14	.20	.04						
RUSSELLVILLE SUBSTA	3.58			.98			.03							.20								.25											
SALVISA LOCK 6	1.92	.14		.06						.55		.22	.14	.39																			
SALYERSVILLE 2 SE	3.07		.08	.06								.35	.14	.64						.08		T	.02	T	.41	.05	T						.22
SCOTTSVILLE	2.22										.09	1.22	.11	.31	.39						.05	.16			.74	.06	.05						
SCOTTSVILLE 2 SW	1.36			.45									.61	.40								.13	.39		.34								.23
SHAWNEE STEAM PLANT	4.76											1.90	.09									.05	.09	T	.15	.22							
SHELBYVILLE	2.78	.73		.64			T				.24		.06	.52							.65	T		.06	1.64	.21							
SHEPHERDSVILLE	4.63			.38									.10	2.60							.02	T		.57									
SOMERSET 1 N	4.71											.08	.03	.03							.32		.05	.10	1.06	.02							
SPRINGFIELD	3.11		.08				.41	.08	T	.44	.14		.50	.49	.99					1.03	.09	1.97	.52		.16	.02	.02			.01		.07	
STEARNS	1.54																																
SUMMER SHADE	2.40							.28		.25		.09	.05	.04							.34												
SUMMER SHADE SUBSTA	2.09		.56									T		.04					T		.04	.79		.08	.66	T	.02					.20	
TAYLORSVILLE	2.45													1.50								.75	.02	T	.62	T	.04						
TURKEY CREEK SCHOOL	2.33			.20		.51								.04	.09					.02		.22	.41	.51		.22	.16						
TYRONE LOCK 5	2.94	.14		.04			.02					.03	.22	1.56																			
UNIONTOWN DAM 49	4.68											.13	.56	.42							.47		.04		.57	.32							
VALLEY VIEW LOCK 9	4.61	.08		.12		1.05						.21	.68	.74										T	1.34	.35							
VANBUREN	2.63		.08	.03			.08				.35	.21	.15	.97							.08	.09	.51	.15	.96	.13	.72						
VANCEBURG DAM 32	3.84	.41		.30		.19					.15	.21	.15	.97							.05	.35		.70	.07	.05							
WARSAW MARKLAND DAM	2.02										.03	.53	.80	.37							.03												
WAYNESBURG 7 NE	4.30										.40	.34	T								.02												
WILLIAMSBURG 2	3.01										.13	.03	.37								.75	T	1.95	.05	T	.04							
WILLIAMSBURG 5 #SW	2.47	T					.03	.29	.17		.21	.41	.05							.03		.84	.05	.11	.21								
WILLOW LOCK 13	8.37	.90		.95	.06						.17	.15	.10	.31							.20	T											
WOLF CREEK DAM	4.22								.17			.03	.37																				
WOODBURY LOCK 4	2.67			.22			T		T			.03	.30		.10			.03			T												

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T. in the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., EST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

DAILY TEMPERATURES

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Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADDISON DAM 45	MAX MIN	91 66	91 67	88 65	84 60	83 60	84 60	80 60	82 60	84 62	89 62	89 69	80 64	84 58	76 56	82 56	85 59	86 60	86 58	87 58	88 60	75 56	70 53	73 55	72 58	75 60	78 58	81 56	82 58	87 62	89 60	89 64	82.9 60.0
ANCHORAGE	MAX MIN	90 68	90 71	84 64	86 60	84 62	58	81 61	82 61	85 64	86 65	83 71	83 69	78 55	82 53	85 58	86 60	88 62	88 64	87 59	72 64	71 59	76 56	78 63	80 61	77 63	82 59	84 58	87 63	90 63	88 66	87 66	83.4 62.2
ASHLAND	MAX MIN	92 66	91 67	91 70	85 60	85 60	86 57	83 61	85 62	80 66	86 64	86 65	86 66	85 55	76 54	83 56	87 57	88 62	87 61	88 59	87 55	77 55	73 62	82 60	86 61	85 62	82 62	85 61	87 65	90 64	91 59	88 62	85.3 61.2
BARBOURVILLE	MAX MIN	92 70	90 68	87 70	85 60	83 61	85 63	79 65	82 64	85 60	90 65	86 66	80 60	82 51	85 55	84 58	84 60	87 59	80 58	82 60	72 60	78 60	84 57	80 63	79 63	79 65	85 63	88 65	88 65	88 63	92 62	84.0 61.8	
BARSTOWN S J PREP SCH	MAX MIN	91 67	91 67	85 65	86 59	86 62	82 58	87 58	86 62	87 62	85 61	84 67	86 66	86 54	87 52	88 55	87 58	88 57	88 57	80 57	72 57	80 55	81 62	79 59	82 62	87 63	89 63	90 64	90 64	90 64	85.8 62.5		
BAXTER	MAX MIN	89 67	91 69	88 69	87 64	86 63	86 62	87 64	83 65	81 68	82 64	85 65	88 65	83 65	81 53	85 54	87 56	87 59	86 58	86 59	86 61	89 61	84 59	85 62	83 63	79 63	83 63	89 64	91 68	91 64	85.8 62.5		
BEAVER DAM	MAX MIN	91 70	91 71	87 70	86 62	87 64	83 63	86 62	86 64	86 64	87 68	90 72	85 70	80 58	83 56	85 60	87 62	87 61	88 62	86 59	83 65	76 62	77 55	78 63	78 64	83 63	84 59	86 58	88 64	90 65	89 67	89 67	85.3 63.4
BENHAM	MAX MIN	91 67	93 63	87 66	86 65	90 59	84 58	85 59	80 62	81 64	84 60	86 62	89 64	82 58	79 54	85 55	87 56	87 52	81 51	84 56	81 59	79 60	77 55	84 55	82 57	80 55	85 59	84 62	85 63	89 61	92 63	84.8 59.2	
BENTON 2	MAX MIN	92 69	87 69	87 69	91 64	91 65	86 66	87 59	88 61	90 62	91 68	93 70	89 70	82 56	85 53	87 57	90 59	91 57	90 58	77 65	77 65	74 51	75 61	81 64	84 56	85 56	89 56	91 62	92 61	94 64	85 66	86.7 62.1	
BEREA COLLEGE	MAX MIN	92 70	92 72	84 70	85 59	87 61	86 60	85 62	84 66	83 66	85 66	89 66	85 68	84 58	84 53	86 54	86 55	88 59	89 62	86 58	75 60	80 55	83 61	81 62	82 65	86 63	87 60	88 65	89 67	89 65	88 65	85.6 62.6	
BLAINE 1 W	MAX MIN	92 66	92 65	90 66	86 60	86 60	88 60	85 65	87 61	86 65	87 67	86 68	87 67	86 57	86 53	88 57	89 59	88 55	88 61	89 57	75 60	78 62	83 61	83 63	85 63	80 60	87 63	86 63	91 63	90 66	89 61	86.2 61.4	
BONNIEVILLE	MAX MIN	93 66	92 67	87 70	87 57	82 62	83 60	88 58	87 62	85 61	86 62	89 65	86 62	82 55	84 52	88 54	88 57	88 61	88 56	88 56	75 60	72 61	81 53	80 63	80 60	83 58	84 58	87 62	90 62	90 63	92 64	85.8 60.7	
BOWLING GREEN FAA AP	MAX MIN	95 70	95 72	88 69	86 63	92 64	85 67	87 64	88 66	85 66	88 66	92 71	85 66	81 58	85 57	88 61	87 63	89 63	89 63	87 62	71 65	72 61	78 57	75 64	80 65	83 66	85 62	86 61	91 67	93 65	87 69	86.0 64.6	
CAMPBELLSVILLE	MAX MIN	91 69	90 69	86 71	87 61	86 65	84 63	88 65	86 64	82 64	84 66	85 64	83 69	86 58	88 54	88 60	88 60	90 61	89 61	88 59	83 61	71 59	81 63	79 56	81 62	82 65	86 60	90 66	91 66	92 66	92 66	86.0 63.4	
CARROLLTON LOCK 1	MAX MIN	90 70	89 71	82 66	85 62	84 65	81 59	83 62	85 62	84 65	81 66	83 71	86 71	82 56	82 54	87 58	86 56	86 64	88 62	85 61	85 64	73 59	76 57	79 64	79 64	79 61	83 61	85 61	87 64	89 64	87 62	88 63	83.8 62.9
CECILIA	MAX MIN	92 68	93 69	91 67	84 60	85 60	87 60	81 63	84 63	85 65	86 64	84 69	85 69	84 58	84 54	85 56	84 61	85 59	86 60	87 58	73 63	71 55	77 56	79 61	78 62	76 58	76 56	86 62	89 62	90 64	90 65	83.7 61.4	
CLERMONT 1 SSE	MAX MIN	95 68	95 71	87 68	90 66	88 62	88 59	87 60	90 62	89 61	85 65	91 68	90 69	87 56	83 52	90 56	91 60	92 61	91 61	92 60	89 58	77 59	79 55	82 63	81 60	84 59	87 63	87 59	89 62	92 63	95 65	94 66	88.4 61.8
COVINGTON W8 AIRPORT	MAX MIN	89 70	85 72	83 64	89 62	85 61	80 61	82 61	87 62	88 64	82 66	82 64	84 65	78 56	85 63	89 63	86 64	86 64	86 64	91 64	74 56	80 59	82 65	80 64	83 64	86 64	86 63	89 64	88 66	91 66	92 66	84.9 63.9	
CYNTHIANA 2	MAX MIN	91 69	92 70	93 65	87 58	88 58	89 56	85 57	88 58	84 64	88 62	87 62	87 62	86 52	77 51	85 53	88 56	88 59	88 60	88 60	90 58	90 60	72 59	81 61	85 60	83 58	83 54	90 60	90 59	94 60	92 59	86.9 59.4	
DANVILLE	MAX MIN	90 68	91 68	91 65	86 58	86 60	86 58	84 60	86 61	85 63	78 61	82 63	87 65	85 55	79 52	83 53	87 55	88 57	88 57	88 57	87 57	80 57	65 52	75 54	81 60	79 59	81 58	81 57	87 59	89 63	90 63	90 63	84.5 59.6
DEWEY DAM	MAX MIN	89 68	91 68	88 69	86 63	87 63	86 65	84 64	86 65	84 67	81 64	86 65	88 69	86 60	77 54	83 55	87 59	88 63	89 63	89 63	87 63	73 61	75 63	82 62	86 64	86 65	86 64	88 65	89 67	90 68	89 68	85.6 63.8	
OIX DAM	MAX MIN	91 70	90 73	84 69	86 60	85 63	85 61	85 63	85 66	85 66	82 65	87 66	85 67	82 59	82 56	86 60	86 62	87 62	88 64	88 60	75 62	76 58	80 63	79 64	81 65	85 64	87 61	88 67	89 67	88 67	88 67	84.9 64.0	
FALMOUTH	MAX MIN	91 69	89 71	84 65	86 60	86 62	86 58	85 60	84 62	86 64	81 61	87 66	82 68	80 55	84 54	87 57	87 60	85 65	88 60	86 60	76 62	73 60	77 62	80 63	79 63	82 63	85 61	88 63	88 62	91 66	89 62	91 60	84.6 62.3
FARMERS	MAX MIN	90 70	91 68	87 68	88 60	87 60	87 62	87 62	85 65	84 62	85 65	85 68	83 69	83 57	86 52	86 56	88 58	88 60	86 62	89 62	75 62	81 61	84 61	83 62	82 61	87 61	87 61	89 61	88 66	91 66	88 66	85.9 62.1	
FLEMINGSBURG 2	MAX MIN	90 66	90 70	83 67	84 61	85 61	83 58	84 58	82 60	83 65	83 69	83 70	83 69	78 55	80 51	84 57	85 58	85 60	87 62	85 59	72 58	80 59	78 60	82 62	80 62	78 64	82 59	83 58	86 62	88 65	85 62	88 61	83.2 61.3
FORDS FERRY DAM 50	MAX MIN	94 72	89 72	87 71	87 68	87 67	83 66	85 65	89 67	90 70	93 71	90 64	83 64	79 64	84 55	88 65	89 65	87 67	91 67	87 67	76 57	76 56	75 54	73 61	78 65	83 66	85 62	87 63	90 66	92 67	92 70	85.7 65.4	
FRANKFORT LOCK 4	MAX MIN	92 69	93 70	90 67	86 61	87 62	86 60	84 62	87 65	85 62	82 67	82 68	86 66	78 56	83 54	86 55	89 59	89 62	90 63	89 63	79 61	71 62	78 63	84 63	80 63	83 63	86 60	87 61	90 64	92 64	91 65	85.7	

DAILY TEMPERATURES

KENTUCKY
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Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JACKSON	MAX MIN	90 68	88 69	88 69	86 63	86 61	85 60	83 62	85 63	84 65	84 62	85 66	89 69	84 60	79 54	82 53	85 56	86 59	87 60	88 61	85 59	79 62	73 61	81 60	84 61	83 62	79 62	84 60	86 62	87 64	90 65	88 65	84.6 62.0
LEITCHFIELD	MAX MIN	92 70	90 72	85 69	85 64	87 65	83 64	85 64	87 65	86 65	84 67	86 70	84 70	86 61	84 57	85 61	86 64	87 65	87 64	86 61	73 64	70 60	78 57	77 64	78 64	82 63	85 62	85 63	90 66	90 67	89 71	89 67	84.3 64.7
LEXINGTON WB AIRPORT	MAX MIN	90 70	89 73	84 68	86 63	87 64	82 61	85 63	80 66	81 67	82 66	85 70	84 67	75 58	81 56	86 62	86 61	87 65	87 65	87 63	78 63	69 61	76 59	81 64	79 62	79 65	84 63	87 63	90 68	89 68	90 68	83.6 64.5	
LONDON FAA AIRPORT	MAX MIN	88 67	86 67	84 64	84 61	84 58	81 61	80 63	75 66	80 61	83 58	87 68	80 66	77 56	81 52	83 54	84 55	86 56	86 56	86 56	84 56	80 56	72 56	78 55	78 55	78 62	82 61	86 57	88 62	88 62	87 63	87 63	82.4 59.9
LOUISVILLE	MAX MIN	96 74	92 75	89 69	86 68	87 66	85 65	86 67	86 69	90 69	85 68	87 74	88 71	80 63	87 63	90 65	90 68	91 68	93 65	89 64	75 66	75 62	80 62	83 66	81 65	82 65	86 63	88 63	92 69	95 70	92 71	94 72	87.1 67.3
LOUISVILLE WB AP	MAX MIN	94 71	93 74	87 68	86 63	87 65	83 62	84 64	86 64	88 66	85 67	87 72	86 62	77 56	83 54	86 58	87 61	87 63	90 65	88 64	77 66	75 62	78 58	82 67	81 65	82 67	85 62	87 61	90 66	92 66	90 71	82 65.6	
LOVELACEVILLE	MAX MIN	94 70	93 71	89 70	89 66	90 65	88 65	90 61	91 61	91 63	92 69	92 71	87 71	83 58	87 60	90 63	88 60	92 65	93 65	92 62	83 55	78 51	70 60	77 64	72 61	83 61	88 57	90 60	93 64	94 65	90 69	87.7 63.5	
MAISONVILLE 1 SE	MAX MIN	92 71	92 73	88 70	87 64	87 64	83 63	86 61	88 65	89 65	88 70	90 74	86 69	81 58	84 55	86 60	85 62	90 62	90 63	87 59	85 64	75 60	76 55	80 61	83 63	86 60	86 60	89 63	92 64	91 66	88 67	85.8 63.7	
MAMMOTH CAVE PARK	MAX MIN	88 69	88 71	82 71	84 61	84 63	83 65	83 61	81 65	80 67	87 67	80 71	80 70	80 58	82 56	84 60	85 61	85 62	85 62	88 64	78 60	74 55	73 60	75 63	75 65	78 68	79 62	85 61	86 65	87 65	88 70	85 65	82.4 63.8
MANCHESTER 4 SE	MAX MIN	93 69	92 68	88 69	86 61	88 61	85 62	86 67	82 64	83 64	88 60	90 66	86 66	82 59	84 51	87 55	87 58	89 56	89 59	85 61	81 64	74 62	81 58	85 63	84 63	81 63	87 63	88 64	92 64	92 65	91 65	90 66	86.3 62.1
MAYFIELD	MAX MIN	92 72	92 73	89 70	90 68	88 65	88 66	89 65	89 64	88 65	89 72	91 72	85 73	84 60	86 62	86 66	89 63	92 64	92 66	92 63	81 64	78 56	72 54	72 61	78 64	83 63	86 59	88 62	89 66	92 65	94 67	86 69	86.8 65.1
MAYSVILLE OAM 33	MAX MIN	91 67	88 69	89 69	85 62	84 63	85 59	82 62	83 64	80 62	83 61	83 64	85 70	84 53	76 54	83 55	86 59	86 61	84 62	87 61	86 62	77 59	73 59	79 61	82 65	81 63	81 61	85 59	88 58	88 63	86 63	83.7 61.7	
MIDDLESBORO	MAX MIN	92 69	89 67	87 67	87 60	88 60	85 61	83 68	80 64	82 65	85 59	90 68	86 66	83 59	84 50	86 52	87 59	89 59	87 60	87 59	82 62	77 61	83 58	84 58	82 64	80 64	86 62	86 64	88 66	91 67	90 63	89 66	85.7 62.1
MONTICELLO	MAX MIN	92 68	90 68	88 68	87 58	86 59	86 61	86 63	82 65	88 62	86 65	88 73	84 68	80 58	85 52	86 56	89 59	90 58	90 60	87 57	79 60	71 61	81 58	79 61	81 62	83 63	86 61	87 61	89 64	94 64	91 62	91 67	85.5 62.0
MOUNT STERLING	MAX MIN	88 68	90 71	84 68	85 62	86 62	83 60	83 62	84 65	85 64	85 61	84 70	87 67	87 57	81 54	85 59	85 60	86 60	88 65	86 61	82 62	75 59	79 58	82 61	79 61	78 63	85 60	85 60	88 66	89 66	87 66	89 64	84.3 62.6
MURRAY	MAX MIN	92 71	93 73	89 71	91 69	90 65	87 66	89 65	89 66	91 66	91 64	91 65	88 65	85 59	86 62	85 65	88 61	91 64	92 65	90 63	85 59	77 54	76 61	82 63	85 65	87 60	90 62	93 63	94 65	95 67	90 70	87.9 65.0	
OWENSBORO 2 W	MAX MIN	93 70	92 72	92 69	86 62	90 63	88 62	91 63	92 64	85 63	87 64	85 69	87 72	83 61	87 59	89 62	91 63	90 63	92 63	90 60	80 62	77 60	78 54	80 61	79 65	84 62	82 59	86 60	89 63	94 68	94 69	90 69	87.3 63.7
PAOUCAH FAA AIRPORT	MAX MIN	91 74	92 74	88 72	86 69	87 66	87 66	86 63	87 65	88 66	88 67	88 73	84 64	80 60	84 62	85 64	86 63	88 65	90 66	89 62	75 56	77 56	72 52	69 61	74 64	82 64	86 58	88 61	87 62	89 66	91 67	86 70	84.8 64.7
PAOUCAH	MAX MIN	94 71	94 76	89 72	90 69	89 67	87 65	88 62	89 65	90 65	90 70	86 74	86 72	82 60	84 62	85 64	87 62	90 64	93 66	92 63	84 56	78 52	70 61	76 65	82 63	84 62	87 63	91 66	91 66	91 67	89 70	86.6 65.3	
PARAIOISE STEAM PLANT	MAX MIN	93 69	93 71	94 59	89 51	91 63	91 63	86 59	92 64	89 64	87 68	87 71	91 70	86 59	84 55	88 60	89 63	90 61	92 62	90 59	80 65	70 54	81 61	81 64	82 62	84 60	88 60	88 64	90 64	93 65	95 67	87.8 62.7	
PIKEVILLE	MAX MIN	92 70	90 71	89 68	87 65	88 65	85 63	87 68	86 67	85 67	90 64	91 70	87 70	80 64	86 56	87 60	88 66	90 64	89 64	87 65	78 67	77 64	84 64	86 66	86 65	76 65	86 66	90 66	92 70	91 71	89 69	90 68	86.7 66.0
PRINCETON	MAX MIN	91 69	84 70	85 70	84 62	89 64	86 65	87 61	84 63	86 64	88 70	90 70	85 70	80 59	84 58	86 61	87 60	89 62	88 63	88 62	80 52	78 61	73 52	76 63	85 63	88 60	88 58	91 62	94 62	94 63	94 64	91 63	85.7 63.1
RICHMONO	MAX MIN	92 69	91 70	91 69	84 59	85 61	86 60	83 64	86 63	86 65	81 64	83 70	87 67	85 58	75 55	83 59	87 59	87 61	87 65	89 60	87 62	78 60	82 57	80 61	82 62	81 63	82 60	86 60	87 66	90 65	88 66	86 62.9	
RUSSELLVILLE	MAX MIN	91 68	90 73	87 71	86 62	85 62	88 66	85 61	84 65	82 65	85 63	89 71	82 70	80 58	83 55	84 60	89 60	90 63	89 61	91 59	83 63	79 61	78 55	79 63	80 64	85 63	84 60	86 61	91 64	92 65	93 66	88 66	85.7 63.3
SCOTTSVILLE	MAX MIN	92 69	92 71	86 71	87 69	89 63	84 65	88 63	86 64	84 67	88 65	91 69	86 71	81 58	86 56	85 60	89 61	89 62	88 60	82 59	69 60	78 61	80 58	82 63	84 63	84 62	85 61	91 66	91 66	92 65	89 64	86 69	86.2 63.6
SHELBYVILLE	MAX MIN	89 68	90 67	88 65	83 62	86 63	85 59	82 62	84 63	85 64	86 65	80 69	88 68	86 54	76 50	81 61	85 63	86 64	88 65	89 64	86 59	75 57	78 60	81 62	78 58	80 64	83 61	85 64	88 63	91 67	88 67	87 67	83.9 62.7
SOMERSET 1 N	MAX MIN	90 68	88 66	84 66	86 59	87 58	85 61	82 62	81 65	84 64	88 62	85 65	85 62	81 60	83 53	86 54	87 57	88 55	88 54	84 60	69 54	81 57	82 60	80 60	82 58	86 62	87 59	88 57	89 62	90 64	88 65	84 65	80.3 60.3
STEARNS	MAX MIN	90 68	91 67	87 66	85 64	86 65	84 62	81 61	84 62	80 63	79 61	85 65	89 66	82 60	79 53</																		

EVAPORATION AND WIND

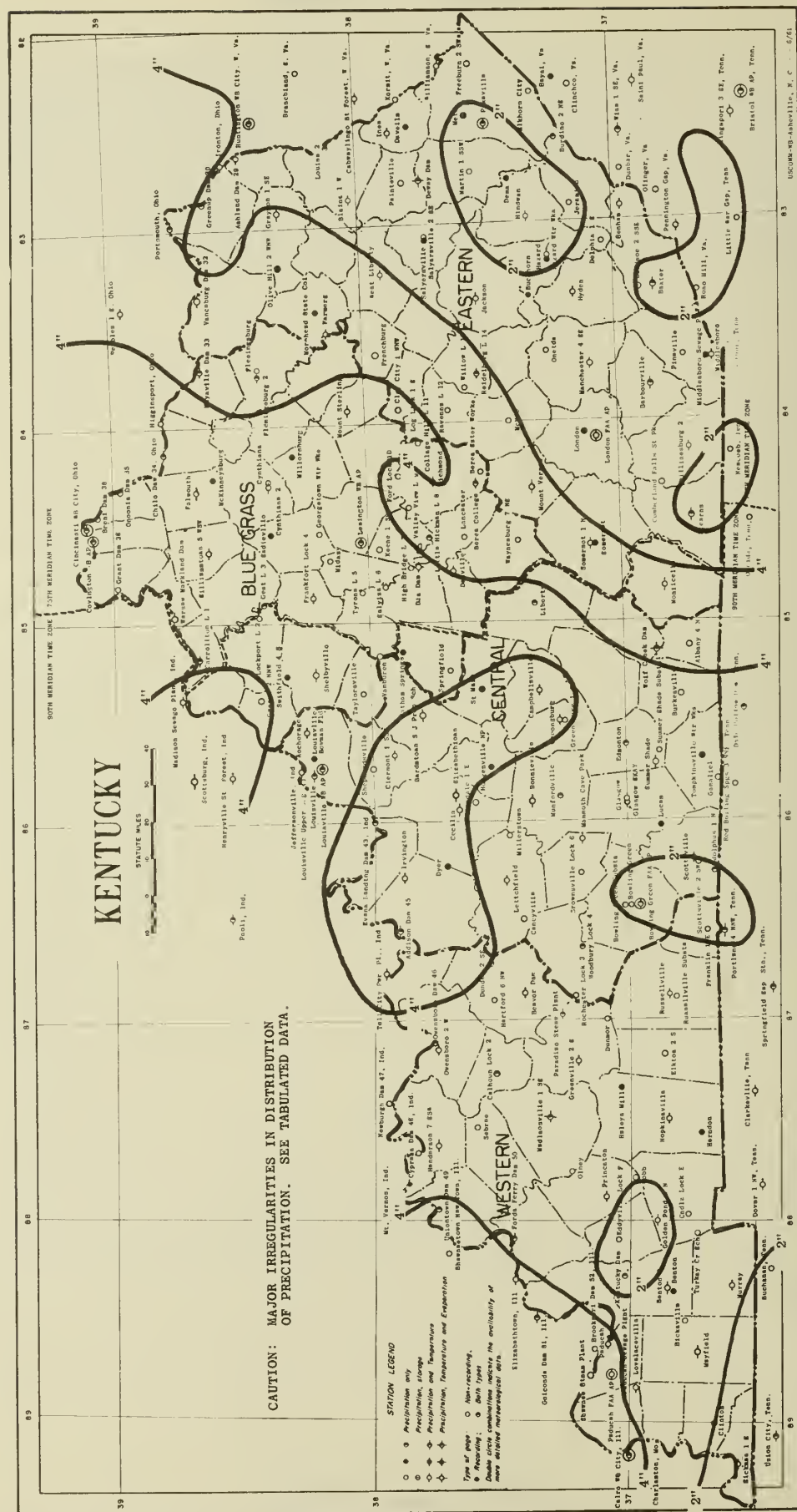
KENTUCKY
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Station		Day of month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DEWEY DAM	EVAP	.09	.21	.15	.19	.20	.18	.15	.19	.18	.16	.15	.12	.13	.19	.23	.07	.31	.16	.18	.15	.11	.03	.12	.16	.15	.01	.19	.15	.14	.16	.16	4.77
	WIND	12	2	6	5	13	-	-	-	-	5	9	15	2	5	2	2	2	2	3	4	3	1	1	2	5	3	2	2	1	2	3	B
DIX DAM	EVAP	.20	.22	.21	.22	.20	.24	.15	.20	.18	.07	.14	.16	.16	.23	.20	.18	.19	.22	.19	.18	.13	.06	.11	.11	.08	.15	.17	.02	.34	.21	.21	5.33
	WIND	39	16	40	24	23	15	18	33	11	36	42	49	32	34	19	10	1	9	16	3	51	11	23	33	33	7	20	14	4	26	11	703
MADISONVILLE 1 SE	EVAP	.32	.33	.36	.28	.09	.28	.19	.21	.22	.24	.12	-	.20	.28	.27	.16	.22	.20	.28	.42	.00	.10	.03	.00	.10	.08	.30	.28	.14	.14	.20	B6.24
	WIND	34	33	37	15	17	21	17	21	8	26	29	45	26	25	38	15	10	13	9	18	41	12	5	15	14	13	6	7	4	7	8	589
WOLF CREEK DAM	EVAP	.18	.11	.25	.25	.25	.25	.20	.19	.13	.10	.22	.20	.04	.27	.27	.26	.21	.30	.13	.23	.21	.08	.13	.18	.05	.07	.12	.11	-	-	-	B5.52
	WIND	9	2	10	21	14	16	19	9	9	6	13	16	7	29	27	9	9	18	21	10	32	5	3	15	10	14	4	2	5	3	4	371

Dix Dam - Evaporation pan is coated with aluminum paint inside and out each year before being placed in operation.

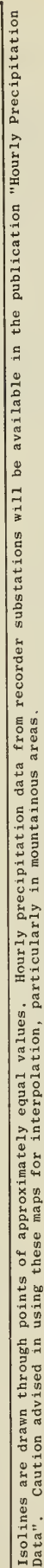
See Reference Notes Following Station Index

KENTUCKY
AUGUST 1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

KENTUCKY
AUGUST 1961



STATION INDEX

KENTUCKY
AUGUST 1961

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
							TEMP.	PRECIP.	EVAP.	SPECIAL		
ADDISON DAM 45	0031	BRECKINRIDGE	1	37 55	86 34	380	6A	6A			C	CORPS OF ENGINEERS
ALBANY & N	0063	CLINTON	2	36 45	85 08	1000	7A	7A			C	HUBERT BURGER
ANCHORAGE	0155	JEFFERSON	7	39 16	85 33	1000	7P	7P			C	KNOXVILLE FERTILIZER CO
ASHLAND	0254	BOYD	7	38 27	82 36	555	7A	7A			C	FED. AVIATION AGENCY
BARBOURVILLE	0381	KNOX	2	36 52	83 53	1000	6P	6P			C	HAROLD C. FERGUSON
BARSTOWN S J PREP SCH	0397	NELSON	8	37 48	85 28	631	5P	5P			C	LOUISVILLE G. & E. CO.
BAXTER	0450	HARLAN	2	36 51	83 20	1184	7A	7A			C	CORPS OF ENGINEERS
BEAVER DAM	0490	OHIO	3	37 25	86 52	421	6P	6P			C	U.S. WEATHER BUREAU
BENHAM	0595	HARLAN	2	36 58	82 57	1585	8A	8A			C	CORPS OF ENGINEERS
BENTON	0611	MARSHALL	9	36 51	88 20	395	5P	5P			C	BLAINE MALONE
BENTON 2	0615	MARSHALL	9	36 51	88 20	395	5P	5P			C	WILLARD E. FOSTER
BEEBA COLLEGE	0619	MADISON	4	37 34	84 18	1070	6P	6P			C	HOMER WELBORN, JR.
BEEBA WATER WORKS	0624	MADISON	4	37 33	84 15	1010	7A	7A			C	NATIONAL PARK SERVICE
BLAINE 1 W	0752	LAWRENCE	1	38 02	82 52	690	8A	8A			C	MORA S. WHITE
BONNIEVILLE	0854	HART	3	37 23	85 54	684	5P	5P			C	JAMES D. HUGHES
BOWLING GREEN	0904	WARREN	3	37 00	86 26	536	7A	7A			C	MATFIELD ELEC. & MTR.CO.
BOWLING GREEN SUBSTA	0907	WARREN	3	37 01	86 26	470	5A	5A			C	CORPS OF ENGINEERS
BOWLING GREEN FAA AP	0909	WARREN	3	36 58	86 26	535	MID	MID			C	MRS. MINNIE W. MORAN
BRENT DAM 36	0978	CAMPBELL	7	39 03	84 25	497	7A	7A			C	RICHARD T. STOMOR
BROWNVILLE LOCK 1	1046	EDMONSON	3	37 12	87 16	74	7A	7A			C	MRS. EDITH J. SMITH
BUCKHORN	1080	PERRY	4	37 21	83 23	936	7A	7A			C	MRS. LELA M. MERRILL
BURDINE 2 NE	1120	PIKE	1	37 13	82 35	1643	8A	8A			C	CITY OF MIDDESBORO
BURKESVILLE	1137	CUMBERLAND	2	36 47	85 22	600	7A	7A			C	CITY OF MIDWAY
1206 TRIGG	1206	TRIGG	2	36 46	87 58	584	7A	7A			C	CITY WATER WORKS
CALHOUN LOCK 2	1227	MC LEAN	4	37 32	87 16	407	7A	7A			C	DVA M. LAWLER
CAMPBELLVILLE	1254	TAYLOR	3	37 20	85 21	771	6P	6P			C	ALVIN L. BETHMAN
CANEYVILLE	1294	GRAYSON	3	37 25	86 30	600	7A	7A			C	PROF. HENRY C. HAGGAN
CARROLLTON LOCK 1	1345	CARROLL	4	38 41	85 11	480	4P	4P			C	FRED CARTMILL
CECILIA	1408	WARDIN	8	37 40	85 57	734	7A	7A			C	SHERMAN C. PUCKETT
CLAY CITY 1 WNW	1576	POWELL	4	37 52	83 56	712	7A	7A			C	MURRAY STATE COLLEGE
CLERMONT 1 SSE	1611	BULLITT	8	37 55	85 40	540	5P	5P			C	GEORGE E. OVAL
CLINTON	1631	CLINTON	6	36 41	89 00	390	5P	5P			C	MELVIE PARLEE NEISZ
COBB	1663	CALDWELL	2	36 59	87 47	490	7A	7A			C	MRS. ANNA L. BROWN
COLLEGE HILL LOCK 11	1704	ESTILL	4	37 47	84 06	521	7A	7A			C	CORPS OF ENGINEERS
CONVING W8 AIRPORT	1855	BOONE	7	39 04	84 40	869	MID	MID			C	MIRGIL D. CLARK
CUMBERLAND FALLS ST PK	1969	WHITLEY	2	36 50	84 19	1070	5P	5P			C	CORPS OF ENGINEERS
CYNTHIANA	1998	HARRISON	5	38 23	84 18	684	7A	7A			C	FED. AVIATION AGENCY
CYNTHIANA 2	2003	HARRISON	5	38 23	84 17	719	8A	8A			C	WESTERN P. LACKEY
DANVILLE	2040	BOYLE	4	37 39	84 46	955	7A	7A			C	CITY OF PADUCAH
DAVELLA	2053	MARTIN	1	37 48	82 32	700	7A	7A			C	JESSE FAIRCHILD
DELPHIA 1 E	2132	PERRY	4	37 02	83 07	1660	8A	8A			C	TV-444
DEWEY DAM	2139	KNOX	1	37 25	82 48	850	7A	7A			C	U.S. WEATHER BUREAU
DIX DAM	2180	FLOYD	1	37 28	82 47	853	7A	7A			C	COLBY PARTIN
DUNDEE 2 SE	2214	MERCER	4	37 48	84 43	870	4P	4P			C	ALTON M. HARVILL
DUNMORE	2358	MUHLBERG	3	37 33	86 43	431	7A	7A			C	CORPS OF ENGINEERS
DYER	2366	MUHLBERG	3	37 05	87 00	592	7A	7A			C	THOMAS C. HERNDON
EDDYVILLE LOCK F	2391	BRECKENRIDGE	3	37 43	86 13	793	7A	7A			C	CORPS OF ENGINEERS
EDMONTON	2445	MADISON	4	37 40	85 05	740	7A	7A			C	MRS. GLADYS TALLEY
ELIZABETH TOWN	2469	METCALFE	3	37 00	85 37	865	7A	7A			C	TV-683
ELKHORN CITY	2510	MARION	3	37 41	85 52	739	6P	6P			C	MRS. TRESSIE A. RALSTON
ELKTON 2 S	2528	PIKE	1	37 18	82 21	800	7A	7A			C	JOHN B. BAUER
FALMOUTH	2548	TODD	2	36 47	87 10	520	7A	7A			C	CORPS OF ENGINEERS
FARMERS	2775	PENDELTON	5	38 40	84 20	560	6A	6A			C	STARLEY GARDNER
FLEMINGSBURG	2791	ROWAN	5	38 09	83 33	668	4P	4P			C	FORREST C. WILLIS
FLEMINGSBURG 2	2903	FLEMING	5	38 25	83 43	858	7A	7A			C	MOBLE ALLEN
FORDS PERRY DAM 50	2908	FLEMING	5	38 25	83 45	911	6P	6P			C	MRS. IDELL F. DEERING
FRANKFORT LOCK 4	2953	MADISON	4	37 56	84 16	660	6A	6A			C	PAUL D. TOMPKINS
FRANKLIN 1 E	2961	CRITTENDEN	7	37 28	88 06	356	MID	MID			C	TV-709
FREEBURN 2 SW	3028	FRANKLIN	4	38 14	84 52	504	6A	6A			C	VIRGIL D. CROUCH
FRENCHBURG	3036	SIMPSON	3	36 43	86 34	690	7A	7A			C	DAVID R. MAGUIRE
GALATHEA 1 S	3046	PIKE	1	37 33	82 10	730	8A	8A			C	GEORGE E. SIMPSON
GEORGETOWN WATER WORKS	3052	HENRIFF	5	37 57	83 39	819	7A	7A			C	CORPS OF ENGINEERS
GEST LOCK 3	3112	HENRIFF	5	37 38	83 48	759	7A	7A			C	RADIO STATE WSC
GLASGOW	3134	SCOTT	4	38 12	84 33	888	8A	8A			C	W. H. GOATLEY
GLASGOW WEAY	3203	HENRY	4	38 25	84 53	490	7A	7A			C	MRS. GLADYS M. GRIFFITH
GLENDALE 1 E	3241	BARREN	3	37 00	85 55	780	7A	7A			C	CHAS. M. MC MURTRY
GOLDEN POND 8 N	3248	BARREN	3	37 00	85 55	808	6P	6P			C	TV-684
GRANT DAM 38	3252	MARION	3	37 36	85 54	710	7A	7A			C	R. C. DEDMAN
GRAYSON 1 SE	3295	TRIGG	2	36 54	88 00	393	4P	4P			C	MRS. KATHRYN B. CARR
GREENSBURG 1	3358	DOONE	7	38 59	84 50	503	7A	7A			C	KNOXVILLE WATER WKS
GREENSBURG 1 S	3392	CARTER	7	38 19	82 56	900	6A	6A			C	TV-680
GREENSBURG 2 W	3430	GREEN	3	37 15	85 30	595	7A	7A			C	CORPS OF ENGINEERS
GREENSBURG 3 W	3435	GREEN	3	37 15	85 30	595	7A	7A			C	CORPS OF ENGINEERS
HARTFORD 6 NW	3453	MUHLBERG	3	37 12	87 12	519	5P	5P			C	EVERETT M. MC GAUGHY
HAZARD WATER WORKS	3559	CHRISTIAN	3	37 03	87 20	740	7A	7A			C	CORPS OF ENGINEERS
HEIDELBERG LOCK 14	3592	OHIO	3	37 32	86 54	429	5P	5P			C	CORPS OF ENGINEERS
HENDERSON 7 SW	3709	PERRY	4	37 15	83 12	869	7A	7A			C	CORPS OF ENGINEERS
HERNDON	3714	PERRY	4	37 15	83 11	880	7A	7A			C	MRS. RITA RIDDER
HICKMAN 1 E	3741	LEE	4	37 49	84 43	544	7A	7A			C	ARNOLD O. HELTON
HICKSVILLE	3762	HENDERSON	7	37 45	87 38	382	6P	6P			C	ESTIL M. MEADOWS
HIGH BRIDGE LOCK 7	3798	CHRISTIAN	2	36 44	87 34	512	7A	7A			C	TV-680
HINDMAN	3816	FULTON	6	36 34	89 10	362	7A	7A			C	CORPS OF ENGINEERS
HODGINSVILLE NAT PARK	3821	GRAVES	9	36 48	88 30	440	7A	7A			C	CORPS OF ENGINEERS
HOPKINSVILLE	3837	JESSAMINE	4	37 20	82 59	1190	5P	5P			C	CORPS OF ENGINEERS
HYDEN	3899	KNOX	1	37 20	82 59	1190	5P	5P			C	CORPS OF ENGINEERS
INCE	3929	LARUE	3	37 32	85 44	788	7A	7A			C	EVERETT M. MC GAUGHY
IRVINGTON	3994	CHRISTIAN	2	36 51	87 30	540	7A	7A			C	TV-680
JACKSON	4093	LESLIE	4	37 10	83 23	890	7A	7A			C	CORPS OF ENGINEERS
JEREMIAH	4134	MARTIN	1	37 52	82 32	638	6P	6P			C	CORPS OF ENGINEERS
KEENE 1 SW	4165	BRECKENRIDGE	3	37 53	86 17	646	7P	7P			C	CORPS OF ENGINEERS
KENTUCKY DAM	4196	BREATHITT	4	37 33	83 23	795	7A	7A			C	TV-680
LA GRANGE 2 NNW	4255	LEITCH	4	37 10	82 56	1150	5P	5P			C	CORPS OF ENGINEERS
LANCASTER	4369	JESSAMINE	4	37 57	84 38	941	7A	7A			C	CORPS OF ENGINEERS
LEXINGTON WB AIRPORT	4414	LIVINGSTON	8	37 01	88 36	362	5A	5A			C	CORPS OF ENGINEERS
LIBERTY	4595	DLOHAY	7	38 26	85 23	880	5P	5P			C	CORPS OF ENGINEERS
LITTLE HICKMAN LOCK 8	4620	GARRARD	4	37 37	84 35	1032	8A	8A			C	TV-680
	4703	GRAYSON	3	37 29	86 18	642	6P	6P			C	CORPS OF ENGINEERS
	4746	PAYETTE	4	38 02	84 36	979	MID	MID			C	CORPS OF ENGINEERS
	4755	CASEY	3	37 21	84 55	772	7A	7A			C	CORPS OF ENGINEERS
	4825	JESSAMINE	4	37 45	84 35	521	7A	7A			C	CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	HENRY	4	38 26	84 58	485	6A	6A			C	CORPS OF ENGINEERS
LOGAN LOCK 1 S	4882	CLARK	4	37 51	84 02	175	7A	7A			C	HUBERT BURGER
LONDON	4893	LAUREL	2	37 08	84 04	1195	7A	7A			C	KNOXVILLE FERTILIZER CO
LONDON FAA AP	4898	LAUREL	2	37 05	84 05	1191	7A	7A			C	FED. AVIATION AGENCY
LOUISA 2	4946	LAWRENCE	1	38 07	82 56	585	7A	7A			C	HAROLD C. FERGUSON
LOUISVILLE	4949	JEFFERSON	7	38 14	85 46	462	MID	MID			C	LOUISVILLE G. & E. CO.
LOUISVILLE BOWMAN FLO	4951	JEFFERSON	7	38 15	85 40	558	7A	7A			C	CORPS OF ENGINEERS
LOUISVILLE WB AP	4954	JEFFERSON	7	38 11	85 44	414	MID	MID			C	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	JEFFERSON	7	38 17	85 48	403	6A	6A			C	CORPS OF ENGINEERS
LOVELACEVILLE	4967	BALLARD	6	36 58	88 50	370	5P	5P			C	BLAINE MALONE
LUCAS	5002	BARREN	3	36 55	84 02	738	7A	7A			C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5087	HOPKINS	3	37 19	87 29	439	5P	5P			C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	EDMONSON	3	37 11	86 05	800	5P	5P			C	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	CLAY	4	37 06	85 45	650	6P	6P			C	MORA S. WHITE
MARTIN 1 SW	5171	FLOYD	1	37 35	82 45	455	7A	7A			C	JAMES D. HUGHES

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U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

UNITED STATES
DEPARTMENT OF COMMERCE
WEATHER BUREAU
NATIONAL WEATHER SERVICE
ASHEVILLE, NORTH CAROLINA

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SEPTEMBER 1961
Volume 56 No. 9



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KENTUCKY - SEPTEMBER 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 97° on the 14th at Ashland and on the 6th at
Bonnieville

Lowest Temperature: 35° on the 29th at Cynthiana 2

Greatest Total Precipitation: 4.19 inches at Turkey Creek School

Least Total Precipitation: 0.14 inch at Paducah

Greatest One-Day Precipitation: 2.04 inches on the 1st at Greensburg
1 S

CLIMATOLOGICAL DATA

KENTUCKY
SEPTEMBER 1961

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
																		Total	Max. Depth on Ground	Date	10 or More	30 or More	1.00 or More
										80° or Above	32° or Below	32° or Below	0° or Below										
WESTERN																							
BEAVER DAM	84.1	59.4	71.8		91	6+	39	26	45	8	0	0	0	1.33	-.67	.67	7	.0	0		3	2	0
FORDS FERRY DAM 50	84.0	61.4	72.7		92	11+	47	26+	30	12	0	0	0	.94	-2.24	.37	1	.0	0		3	0	0
GOLDEN POND 8 N	85.0M	57.2M	71.1M						42	6	0	0	0	.90		.51	7	.0	0		3	1	0
GREENVILLE 2 W	83.8	59.9	71.9	1.8	92	5	39	26	44	6	0	0	0	3.01	-.09	1.44	6	.0	0		6	2	1
HENDERSON 7 SSW	85.1	59.8	72.5	1.8	94	6	38	26	36	13	0	0	0	.53	-2.67	.35	7	.0	0		2	0	0
HICKMAN 1 E																							
HOPKINSVILLE	85.1	59.7	72.4		94	6	40	26	41	16	0	0	0	1.51	-.83	.83	8	.0	0		3	1	0
LOVELACEVILLE	84.9	59.1	72.0	.8	93	24	42	26	35	12	0	0	0	1.42	-1.71	.58	7	.0	0		4	1	0
MAYFIELD	85.6	59.2	72.4	1.0	93	10	39	26	32	13	0	0	0	2.25	-.88	1.50	7	.0	0		3	1	1
MURRAY	95.0	60.9	73.0		94	6	43	26	31	11	0	0	0	1.92		1.31	7	.0	0		3	1	1
OWENSBORO 2 W	86.1	60.5	73.3	1.9	94	4	44	16	26	14	0	0	0	1.17	-2.13	.52	7	.0	0		3	1	0
PADUCAH FAA AIRPORT	85.5	60.4	73.0	3.0	93	5	38	26	23	11	0	0	0	2.71	-.50	1.41	7	.0	0		5	2	1
PADUCAH	82.6	60.2	71.4		90	23+	40	26	48	2	0	0	0	.56		.21	14	.0	0		3	0	0
PARADISE STEAM PLANT	85.3	60.5	72.9		92	10	41	26+	33	13	0	0	0	.14	-3.22	.14	1	.0	0		1	0	0
PRINCETON	84.9	58.3	71.6		94	6	40	27	53	14	0	0	0	1.81		1.09	1	.0	0		3	1	1
RUSSELLVILLE	83.6M	57.7M	70.7M	-.4	93	5+	36	26	50	9	0	0	0	1.68	-1.40	1.38	6	.0	0		2	1	1
DIVISION																							
CENTRAL			72.2	1.3										1.52	-1.70			.0					
ADAMS OAM 45																							
ANCHORAGE	81.1	56.9	69.0		89	25+	41	29	64	0	0	0	0	.59	-2.67	.25	26	.0	0		2	0	0
BARDSTOWN S J PREP SCH	82.4	58.3	70.4	2.0	92	6+	41	27	52	3	0	0	0	2.20	-.83	.99	1	.0	0		5	2	0
BONNIEVILLE	85.4	55.9	70.7		92	24+	36	16	54	12	0	0	0	1.04		.44	2	.0	0		3	0	0
BOWLING GREEN FAA AP	84.2	56.1	70.2		97	6	37	16	62	10	0	0	0	2.27		1.07	1	.0	0		4	2	1
CAMPBELLSVILLE	85.3	59.8	72.6	1.0	95	11	41	16	32	14	0	0	0	1.19	-2.00	.81	1	.0	0		2	1	0
CECILIA	84.6	59.5	72.1		93	8	40	16	35	11	0	0	0	1.52		1.03	1	.0	0		2	1	1
CLERMONT 1 SSE	82.8	56.4	69.6	.2	90	25+	38	26+	67	4	0	0	0	1.09	-1.68	.36	8	.0	0		3	0	0
GLASGOW WKAY	87.3	58.8	73.1		95	6	40	16	36	15	0	0	0	1.42		.75	25	.0	0		3	1	0
GREENSBURG	85.1	60.2	72.7		93	24	40	16	34	13	0	0	0	1.03		.73	1	.0	0		3	1	0
IRVINGTON	84.7	57.2	71.0	1.3	92	25+	40	17+	48	12	0	0	0	2.02	-1.10	1.26	1	.0	0		3	1	1
LEITCHFIELD	85.8	59.9	72.9	2.8	94	10+	40	16	38	14	0	0	0	.66	-2.18	.28	25	.0	0		3	0	0
LOUISVILLE	84.1	60.7	72.4	2.1	92	5	44	26	35	11	0	0	0	.90	-2.18	.30	1	.0	0		4	0	0
LOUISVILLE WB AP	84.5	63.9	74.2		95	9	47	29	20	11	0	0	0	1.75		1.27	25	.0	0		3	1	1
MAMMOTH CAVE PARK	84.5	61.5	73.0	2.8	92	12+	45	29+	30	11	0	0	0	1.48	-1.22	.61	25	.0	0		4	1	0
SCOTTSVILLE	82.1	60.8	71.5		89	23	41	16	39	0	0	0	0	.68		.42	1	.0	0		2	0	0
SUMMER SHADE	85.5	59.8	72.7		93	24+	39	16	34	12	0	0	0	.40		.18	14	.0	0		3	0	0
WOLF CREEK DAM	84.1	58.6	71.4		91	24+	38	16	49	12	0	0	0	1.49		1.27	1	.0	0		2	1	1
DIVISION	85.3	54.3	69.8		92	25+	37	16	49	12	0	0	0	1.52		1.01	1	.0	0		3	1	1
DIVISION																							
BLUE GRASS			71.6	1.5										1.29	-1.77			.0					
BEREA COLLEGE																							
CARROLLTON LOCK 1	84.0	59.3	71.7	1.9	91	24	40	16	39	4	0	0	0	.60	-2.16	.32	1	.0	0		3	0	0
COVINGTON WB AIRPORT	82.3	59.3	70.8		90	6+	36	29	52	2	0	0	0	1.69	-1.20	.88	1	.0	0		3	1	0
CYNTHIANA 2	83.5	60.0	71.8	4.5	93	10+	42	27	47	10	0	0	0	.97	-2.00	.55	1	.0	0		3	1	0
DANVILLE	85.6	54.8	70.2		94	1	35	29	67	16	0	0	0	1.44		.86	1	.0	0		2	1	0
DIX DAM	84.5	55.0	69.8		92	11	38	17+	60	12	0	0	0	1.90	-1.10	.90	1	.0	0		3	2	0
FALMOUTH	84.4	60.3	72.4		92	24	42	16	35	8	0	0	0	1.42		.86	1	.0	0		3	1	0
FLEMINGSBURG 2	84.1M	56.1M	70.1M		93	24	36	29	54	9	0	0	0	1.58	-1.16	.56	1	.0	0		5	1	0
FRANKFORT LOCK 4	81.3	58.5	69.9		90	13+	40	16	58	3	0	0	0	1.89		1.06	20	.0	0		4	2	1
LEXINGTON WB AIRPORT	84.5	57.6	71.1	1.3	92	7	41	30+	48	10	0	0	0	2.18	-.54	1.00	7	.0	0		4	2	1
MAYSVILLE OAM 33	82.9	60.9	71.9	2.4	91	10	43	16	32	4	0	0	0	1.50	-1.53	.48	25	.0	0		4	0	0
MOUNT STERLING	82.5	57.3	69.9	1.6	91	25+	40	30+	59	3	0	0	0	1.22	-1.90	.56	26	.0	0		5	1	0
RICHMOND	83.7	59.1	71.4		92	24	43	29+	39	4	0	0	0	1.54	-1.33	.95	25	.0	0		3	2	0
SHELBYVILLE	83.4	58.7	71.1		92	25	39	16	49	5	0	0	0	1.32		.51	26	.0	0		5	1	0
WARSAW MARKLAND OAM	82.8	58.9	70.9	1.7	92	6	41	16	51	4	0	0	0	2.84	-.06	1.77	7	.0	0		4	1	1
WILLIAMSTOWN 5 WSW	83.5	59.0	71.3	2.5	93	6+	40	29	44	12	0	0	0	.89	-1.97	.48	7	.0	0		2	0	0
DIVISION																							
EASTERN			71.0	1.5										1.50	-1.42								
ASHLAND																							
BARBOURVILLE	84.5	57.7	71.1	1.2	97	14	37	29	50	13	0	0	0	.93	-1.69	.42	26	.0	0		3	0	0
BAXTER	84.9M	57.0M	71.0M		93	10	40	16	41	13	0	0	0	1.24		.68	26	.0	0		4	0	0
BENHAM	83.5	58.1	70.8		91	8+	43	16	37	7	0	0	0	1.52		.90	15	.0	0		3	1	0
BLAINE 1 W	83.6	56.4	70.0		92	13+	39	16	44	6	0	0	0	3.19		1.05	26	.0	0		5	3	1
DEWEY DAM	84.9M	55.2M	70.1M		93	12+	37	29+	62	15	0	0	0	2.35		1.90	21	.0	0		3	1	1
FARMERS	84.6	59.7	72.2		93	25+	45	29	33	15	0	0	0	2.72		1.40	21	.0	0		5	2	1
GRAYSON 1 SE	84.0	57.5	70.8	2.8	91	24+	41	18+	44	8	0	0	0	1.35	-1.69	.48	26	.0	0		5	0	0
HEIDELBERG LOCK 14	83.8	57.3	70.6		93	13	37	30+	60	11	0	0	0	1.71		1.29	21	.0	0		3	1	1
HYOEN	83.6	57.3	70.5		90	9+	39	16	44	4	0	0	0	.57	-2.05	.35	21	.0	0		2	0	0
INEZ	86.4	57.4	71.9		93	13+	43	17+	30	17	0	0	0	3.55		1.44	12	.0	0		7	2	1
JACKSON						</																	

CLIMATOLOGICAL DATA

KENTUCKY
SEPTEMBER 1961

CONTINUED

Station	Temperature													Precipitation															
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Dole	Lowest	Dole	Degree Days	No. of Days					Total	Departure From Long Term Means	Greatest Day	Dole	Snow, Sleet			No. of Days							
										Max.		Min.							Total	Departure From Long Term Means	Greatest Day	Dole	Total	Max. Depth on Ground	Dole	.10 or More	.50 or More	1.00 or More	
										90° or Above	32° or Below	32° or Below	Freezing	Below															0° or Below
PIKEVILLE	85.8	61.1	73.5		92	25+	46	16	17	17	0	0	0	1.40	- 1.45	.34	20	.0	0		7	0	0						
SOMERSET 1 N	82.9	58.1	70.5		90	24+	37	16	51	4	0	0	0	1.97	.80	.11	11	.0	0		1	1	0						
STEARNS	83.6	56.8	70.2		91	3+	41	16	50	7	0	0	0	2.36		1.20	12	.0	0		2	2	0						
VANCEBURG OAM 32	83.5	59.7	71.6		94	11	41	29	46	10	0	0	0	1.64	-.98	.87	26	.0	0		3	2	0						
WEST LIBERTY											0	0	0					.0	0										
WILLIAMSBURG 2	88.2	56.8	72.5	2.4	96	25+	41	19+	28	18	0	0	0	.66	- 1.88	.42	26	.0	0		2	0	0						
DIVISION			71.0	1.6										1.75	-.89			.0											

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation								Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total			
COVINGTON WB AIRPORT	SSW	19	8.4	28	S	30	79	88	50	59	2	4	2	1	0	0	9	-	4.6	
LEXINGTON WB AIRPORT	S	18	7.7	-	-	-	86	92	55	65	1	2	4	0	0	0	7	-	3.2	
LOUISVILLE WB AIRPORT	S	12	6.6	23	SW	1	84	91	60	64	4	2	3	1	0	0	10	76	4.1	

See Reference Notes Following Station Index

KENTUCKY
SEPTEMBER 1961

See reference notes following Station Index

DAILY PRECIPITATION

Continued

KENTUCKY
SEPTEMBER 1961

Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PAINTSVILLE	1.50	.21					.45									.10						.70											
PARADISE STEAM PLANT	1.81	1.09	.07					.26							.09																		
PIKEVILLE	1.40				.18	.12			.11	.02					.21	.05					.21	.34											
PINEVILLE	1.07					.05				.06	.22			.03		.35						.12	.14										
PRINCETON	1.68					.07	1.38								.20																	.03	
RAVENNA LOCK 12	.51															.20						.06											
RICHMOND	1.32	.35	.12				.18									.16							.25										
ROCHESTER LOCK 3	2.83	.70	.07		.52	.04		.88	.13		.14				.08	.03																	
RUSSELLVILLE	2.44	.95					.14				.50				.85																		
RUSSELLVILLE SUBSTA	2.80	.70	.61		.09			.50							.70	.20																	
SALVISA LOCK 6	1.59	.57	.15													.05																	
SALYERSVILLE 2 SE	2.49	1.00					.15							.02		.05																	
SCOTTSVILLE	.40				.12										.18																		
SCOTTSVILLE 2 SW	.76	.56	.03												.05	.02																	
SEBREE	2.80	.30				.30	1.60	.40							.20																		
SHAWNEE STEAM PLANT	.74	.43	.02						.03							.26																	
SHELBYVILLE	2.84	.39	.09					1.77							.10	.03																	
SHEPHERDSVILLE	.92	.39	.08					.12							.06																		
SOMERSET 1 N	1.97	.45	T							.02		.80			.32							.02											
SPRINGFIELD	1.51	.70	.81																														
STEARNS	2.36	.18	.03				.21						1.20			.21																	
SUMMER SHADE	1.49	1.27													.08																		
SUMMER SHADE SUBSTA	2.43	1.55	.16												.15	.06																	
TAYLORSVILLE	1.31	.45	.17					.02							.06	.14																	
TURKEY CREEK SCHOOL	4.19	.70	.09		.03	.75	.46	.45	.89		.33				.31	.18																	
TYRONE LOCK 5	1.73	.42	.03					.67	.04				.09			.08																	
UNIONTOWN DAM 49	2.50	1.28						.95	.10																								
VALLEY VIEW LOCK 9	1.18	.42	.32		.05	.07									.17																		
VANBUREN	1.22	.45	.05												.13	.07																	
VANCEBURG DAM 32	1.64	.13													.26																		
WARSAW MARKLAND DAM	.89	.30	T	.03			.08	.48																									
WAYNESBURG 7 NE	1.32	.65	.03													.26																	
WEST LIBERTY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WILLIAMSBURG 2	.66						.02							.03		.19																	
WILLIAMSTOWN 5 SW	.95	.49	.05				T	.02						T		.10																	
WILLOW LOCK 13	1.19	.06					.03																										
WOLF CREEK DAM	1.52	1.01														.06																	
WOODBURY LOCK 4	2.25	1.03	.47		.12		T	.38	.03						.08	.05																	

REFERENCE NOTES

- Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.
- Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.
- Delayed data and corrections will be carried only in the June and December issues of this bulletin.
- Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.
- Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.
- Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.
- Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.
- Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.
- Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.
- Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.
- Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.
- Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.
- Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T.
- In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
 - G "Soil Temperature" Table.
 - H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
 - J "Supplemental Data" Table.

OTHER REFERENCE NOTES

- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
- Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest recorded 3-minute wind speed. This station is not equipped with automatic wind instruments.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- O Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., EST of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Resittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

DAILY TEMPERATURES

KENTUCKY
SEPTEMBER 1961

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
A00150N OAM 45	MAX MIN	89 66	84 68	86 66	84 66	88 65	88 65	88 64	84 66	86 70	87 66	86 64	86 65	87 63	87 64	70 48	70 44	70 44	72 46	74 50	78 50	78 53	84 58	86 60	89 69	89 65	78 45	72 45	72 48	64 41	77 46	81.1 56.9	
ANCHORAGE	MAX MIN	84 68	85 69	84 71	88 68	92 68	92 69	85 68	90 68	89 69	87 68	88 68	89 67	87 66	76 56	66 45	73 42	76 45	75 45	79 49	81 60	83 52	87 61	87 62	89 63	85 58	70 42	75 41	69 48	78 43	82 55	82.4 58.3	
ASHLAND	MAX MIN	92 63	91 64	92 60	91 61	91 67	89 66	91 68	88 68	91 68	90 67	92 65	92 66	91 69	97 66	84 52	67 44	72 45	75 45	74 49	74 60	78 58	82 57	88 58	89 59	92 60	89 54	72 48	75 48	70 37	75 38	84.5 57.7	
BARBOURVILLE	MAX MIN	88 65	92 65	92 65	92 66	92 64	90 65	92 68	91 68	93 65	92 65	92 64	92 65	92 63	86 62	68 50	66 40	70 42	74 42	79 50	82 60	83 52	87 53	86 61	92 62	91 59	82 46	78 43	78 45	80 50	80 50	84.9 57.0	
BAROSTOWN S J PREP SCH	MAX MIN	87 67	88 67	88 70	91 65	92 65	92 66	89 65	91 65	91 65	91 64	91 64	91 65	91 66	83 54	68 42	75 36	77 39	77 40	81 45	82 59	85 49	90 60	91 59	92 60	90 60	73 39	79 38	78 47	84 39	85 56	85.4 55.9	
BAXTER	MAX MIN	91 67	87 67	89 68	90 67	86 67	89 66	91 65	91 65	90 66	89 65	89 65	89 66	90 66	88 63	75 50	66 43	73 44	75 45	77 45	77 55	79 55	85 56	87 60	90 55	80 46	87 50	74 48	78 48	83 52	83.5 58.1		
BEAVER OAM	MAX MIN	86 70	90 72	87 71	90 69	91 69	91 70	87 68	90 68	89 68	88 68	90 66	90 68	88 68	85 57	68 45	74 40	76 43	76 44	78 47	80 61	87 55	88 64	90 65	89 63	86 63	73 39	78 43	70 53	82 45	85 60	84.1 59.4	
BENHAM	MAX MIN	92 68	88 69	89 68	88 69	91 64	88 64	91 62	89 63	87 62	89 63	90 61	88 63	92 62	90 65	75 49	64 39	68 41	70 45	77 47	75 52	80 50	85 54	87 55	86 58	85 55	88 52	74 48	81 44	82 47	85 53	83.6 56.4	
BEREA COLLEGE	MAX MIN	86 71	87 72	89 70	88 69	88 68	89 65	89 68	89 68	90 67	90 67	88 66	88 68	88 69	85 60	64 46	71 40	73 43	73 44	80 51	82 61	84 55	88 61	90 63	91 65	86 57	80 44	78 50	75 48	84 51	86 59	84.0 59.3	
BLAINE 1 W	MAX MIN	92 62	88 63	90 64	92 65	91 66	92 67	91 65	88 67	90 66	92 67	93 66	93 65	92 59		82 45	76 37	74 41	73 42	78 43	79 50	84 57	90 59	91 59	92 59	92 58	92 52	72 44	72 42	75 37	75 39	84.9 55.2	
BONNIEVILLE	MAX MIN	88 69	88 70	89 70	90 65	91 65	97 67	90 65	90 66	90 65	89 65	89 59	90 63	89 62	79 56	68 44	74 37	75 39	75 40	79 45	81 46	87 47	89 58	90 59	87 61	70 40	76 42	71 47	83 39	84 60	84.2 56.1		
BOWLING GREEN FAA AP	MAX MIN	86 70	90 73	88 72	92 69	91 73	90 73	90 70	91 69	91 73	92 69	95 68	91 68	92 69	78 50	68 47	75 41	75 45	76 46	79 51	82 55	89 63	91 65	93 63	91 63	84 52	75 44	80 46	75 53	86 60	84 64	85.3 59.8	
CAMPBELLVILLE	MAX MIN	86 71	88 70	87 69	91 68	92 68	91 69	92 67	93 69	91 69	90 68	90 66	90 67	88 67	85 58	68 45	69 40	76 44	76 49	81 52	81 64	84 52	89 61	90 65	90 63	84 62	72 44	78 45	79 50	84 57	83 59	84.6 59.5	
CARROLLTON LOCK 1	MAX MIN	83 69	85 70	85 73	88 69	90 68	90 70	87 69	88 68	89 67	88 67	88 67	88 67	87 68	86 60	65 49	71 43	72 47	73 44	78 47	81 61	83 52	87 63	88 62	89 63	83 61	69 47	75 42	76 52	83 36	83 59	82.3 59.3	
CECILIA	MAX MIN	88 69	86 70	86 70	85 67	89 65	90 68	89 67	86 68	87 67	87 68	87 65	87 65	90 67	90 67	69 43	66 38	72 41	75 41	74 48	78 50	80 45	84 54	88 60	89 59	90 63	85 38	70 39	76 41	77 45	81 50	82.8 56.4	
CLERMONT 1 SSE	MAX MIN	92 70	89 70	91 72	92 68	94 68	95 68	91 66	92 68	94 67	94 68	93 66	93 67	93 68	89 60	77 46	76 40	79 42	79 43	81 47	86 61	87 52	87 62	92 63	93 63	93 65	72 42	78 41	79 51	81 41	85 60	87.3 58.8	
COVINGTON WB AIRPORT	MAX MIN	82 69	87 70	88 71	91 70	93 71	92 69	86 67	90 67	93 66	91 67	93 70	90 70	91 71	76 55	67 46	76 44	73 47	74 45	80 50	82 64	86 56	88 65	89 66	90 66	84 55	72 46	76 49	68 43	75 61	84 61	83.5 60.0	
CYNTHIANA 2	MAX MIN	94 68	86 67	91 70	92 66	92 65	93 66	93 67	87 64	91 65	92 63	93 63	92 64	93 64	91 70	78 45	68 37	75 39	76 39	76 45	79 46	83 46	86 47	91 58	92 59	93 61	90 47	74 39	78 39	70 35	79 41	85.6 54.8	
DANVILLE	MAX MIN	90 64	87 65	88 66	88 65	90 65	90 65	90 64	90 65	90 65	91 65	92 64	92 64	90 63	89 43	70 38	69 38	74 43	76 43	75 43	83 51	83 51	85 60	88 62	90 62	91 62	87 42	72 42	79 42	74 42	83 42	84.5 55.0	
DEWEY OAM	MAX MIN	93 66	87 65	92 66	91 69	90 73	92 68	91 68	90 71	92 67	90 67	91 69	91 69	91 66	90 62	83 53	73 46	74 48	74 57	75 57	74 58	78 57	82 55	89 63	90 65	93 62	88 50	70 45	76 49	73 45	78 46	84.6 59.7	
DIX OAM	MAX MIN	88 70	87 69	87 71	90 69	90 68	88 67	90 67	89 68	90 67	89 68	89 68	90 70	89 68	87 59	66 46	73 42	74 45	74 48	75 51	74 58	78 62	89 65	90 63	93 62	88 50	70 45	76 44	78 45	80 47	83 58	84.4 60.3	
FALMOUTH	MAX MIN	84 68	89 64	90 68	91 67	91 68	90 68	87 67	89 65		91 66		90 66	89 66	76 45	69 40	74 43	75 43	76 43	83 48	82 63	85 49	89 57	90 57	93 60	90 62	75 42	79 41	77 47	78 48	84 56	84.1 56.1	
FARMERS	MAX MIN	88 70	88 66	89 66	90 67	91 66	90 66	87 65	89 66	90 67	90 67	89 65	90 65	90 65	86 49	73 41	74 43	73 41	82 48	81 58	83 51	88 55	88 58	91 60	89 59	72 44	76 44	76 44	83 47	83 47	84.0 57.5		
FLEMINGSBURG 2	MAX MIN	80 71	86 67	88 68	87 66	90 66	89 65	85 65	88 66	88 67	90 67	88 68	88 65	90 68	78 57	65 47	72 40	72 48	71 44	80 53	75 65	80 54	86 62	85 53	88 64	87 62	73 49	82 43	72 47	82 45	81.3 58.5		
FOROS FERRY OAM 50	MAX MIN	88 69	91 65	89 72	92 71	90 70	90 70	87 67	90 73	91 71	91 69	92 72	90 72	88 70	71 54	69 48	73 47	76 50	77 51	76 57	80 68	88 57	90 68	91 61	91 61	75 47	73 47	80 50	68 42	84 62	87 62	84.0 61.4	
FRANKFORT LOCK 4	MAX MIN	90 65	86 69	87 70	88 68	90 67	91 68	92 67	86 68	91 68	91 67	91 68	89 67	91 68	88 66	73 46	69 43	76 44	76 46	75 45	82 50	84 51	85 62	89 61	91 62	91 62	87 47	74 45	80 45	73 41	79 41	84.5 57.6	
GLASGOW WKAY	MAX MIN	88 71	90 68	89 70	90 68	90 71	90 68	91 68	91 68	90 68	91 67	91 66	90 70	90 57	81 46	67 40	74 44	75 45	75 50	81 54	83 63	88 53	90 64	92 62	91 61	87 43	73 45	80 50	75 48	85 64	85 64	85.4 60.2	
GOLDEN POND 8 N	MAX MIN	89 66	92 71		91 69	91 68	90 68	89 67	91 66		92 65	91 67	88 65	88 64	73 46	68 39	73 42		77 40	81 44	89 54	92 62				71 62	82 49	80 54	86 44	87 54	85.0 57.2		
GRAYSON 1 SE	MAX MIN	91 62	85 65	90 68	91 68																												

DAILY TEMPERATURES

KENTUCKY
SEPTEMBER 1961

Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JACKSON	MAX	89	87	88	90	89	91	89	89	89	89	89	88	88	89	79	65	71	73	71	76	76	81	85	86	89	87	66	74	73	78	82.5	
	MIN	64	65	60	68	66	66	65	68	67	66	66	64	66	61	52	42	41	44	42	51	53	55	57	59	61	53	47	45	46	47	56.9	
LEITCHFIELD	MAX	87	89	89	91	92	91	88	89	90	90	90	90	91	81	67	74	75	76	78	85	86	90	90	90	83	70	77	69	82	84	84.1	
	MIN	69	71	71	69	70	70	68	70	67	70	69	69	68	56	45	45	47	48	52	63	55	63	65	66	60	44	47	54	47	63	60.7	
LEXINGTON WB AIRPORT	MAX	85	87	87	88	90	88	88	88	90	91	88	89	88	75	66	74	73	73	80	81	83	88	89	90	86	71	77	73	79	83	82.9	
	MIN	69	71	71	70	70	69	67	69	70	70	70	70	69	54	48	43	50	51	53	61	56	65	66	67	53	48	49	50	47	60	60.9	
LONDON FAA AIRPORT	MAX	85	87	89	88	89	87	88	91	89	88	89	88	90	76	65	71	73	72	80	81	83	88	87	92	90	70	78	77	83	84	83.3	
	MIN	71	66	64	65	65	63	65	65	64	64	64	63	63	55	43	36	40	41	53	54	46	57	60	60	57	42	40	44	51	53	55.8	
LOUISVILLE	MAX	88	91	88	92	94	89	88	92	95	93	92	93	91	78	66	72	74	75	78	80	82	84	91	92	86	75	78	71	82	86	84.5	
	MIN	75	73	76	71	74	74	71	72	74	74	72	73	72	56	50	48	52	54	55	66	58	66	71	69	58	51	49	53	47	64	63.9	
LOUISVILLE WB AP	MAX	87	89	86	90	92	90	88	91	90	90	89	92	90	81	69	75	76	77	81	83	86	90	90	91	86	72	78	71	80	85	84.5	
	MIN	72	72	74	70	72	72	70	71	72	71	70	71	69	57	50	45	47	48	54	60	55	65	68	65	58	45	45	51	45	60	61.5	
LOVELACEVILLE	MAX	88	89	90	92	91	92	91	92	92	93	92	92	87	80	71	75	79	78	81	81	87	90	91	92	83	73	83	72	85	87	85.6	
	MIN	69	74	71	69	68	71	69	68	67	67	67	68	71	56	44	43	44	46	45	51	55	68	65	61	59	39	45	55	45	56	59.2	
MAMMOTH CAVE PARK	MAX	83	85	84	86	88	87	87	87	86	86	85	83	86	87	73	71	74	74	77	79	84	87	89	88	86	70	74	75	80	83	82.1	
	MIN	69	71	71	69	68	70	68	70	69	68	67	70	70	63	45	41	43	49	51	61	56	64	66	65	68	43	46	52	49	63	60.8	
MANCHESTER 4 SE	MAX	89	89	91	90	90	91	89	92	92	92	90	90	90	82	65	72	72	72	80	81	84	87	88	92	90	69	80	77	84	84	86.5	
	MIN	71	64	65	67	68	65	66	67	66	66	65	65	64	64	51	40	43	44	50	61	51	55	61	61	61	49	47	46	50	50	58.1	
MAYFIELD	MAX	88	91	89	91	90	94	91	92	91	91	92	90	89	82	67	73	79	80	81	80	87	87	89	91	82	74	83	63	86	87	85.0	
	MIN	67	73	71	71	70	74	71	69	69	68	68	70	72	56	47	45	45	47	46	52	59	67	67	65	61	43	50	55	48	61	60.9	
MAYSVILLE OAM 33	MAX	88	84	88	88	89	91	89	85	87	89	88	90	89	89	79	66	72	72	72	79	74	83	88	89	91	87	70	76	70	72	82.5	
	MIN	64	65	68	66	67	67	66	66	67	69	67	67	67	65	51	41	41	49	51	52	50	51	59	62	64	48	45	45	40	40	57.3	
MIDDLESBORO	MAX	87	88	89	90	91	91	91	91	90	90	90	92	89	83	67	72	75	74	74	80	82	86	89	91	88	82	80	79	83	82	84.5	
	MIN	69	72	67	68	68	63	65	62	63	65	64	64	65	62	51	41	42	43	52	61	50	57	63	63	61	44	50	45	50	48	57.9	
MONTICELLO	MAX	87	87	90	89	90	89	90	90	91	89	89	90	87	80	68	73	75	75	83	80	84	88	90	91	87	72	79	77	84	83	84.2	
	MIN	71	70	68	66	66	64	68	65	65	65	64	68	67	59	47	38	40	40	50	59	49	61	62	61	62	43	42	45	47	58	57.7	
MOUNT STERLING	MAX	85	89	88	89	89	88	87	89	88	90	89	90	89	84	68	73	75	73	81	78	84	89	90	92	89	71	78	74	78	84	83.7	
	MIN	68	67	68	68	68	67	65	67	67	67	68	66	67	59	46	43	46	46	52	62	52	61	64	64	64	51	43	50	43	53	59.1	
MURRAY	MAX	89	92	90	94	91	90	91	90	90	90	92	91	89	83	69	75	78	78	79	81	89	91	93	92	86	74	85	77	86	88	86.1	
	MIN	68	74	71	70	71	70	68	67	68	68	69	72	71	52	46	44	45	46	47	47	60	68	68	65	61	47	49	55	47	62	60.5	
OWENSBORO 2 W	MAX	85	89	87	90	93	92	90	92	92	92	91	90	87	81	71	78	80	80	82	83	86	86	90	90	84	77	82	74	85	86	85.5	
	MIN	70	72	71	70	69	70	70	72	70	69	68	70	69	60	47	43	44	51	48	58	53	62	68	64	60	38	43	54	49	60	60.4	
PAOUCAH FAA AIRPORT	MAX	87	88	86	88	90	89	89	89	89	89	88	89	87	70	68	73	76	77	77	79	85	87	90	89	74	71	81	63	83	86	82.6	
	MIN	69	76	73	71	69	71	69	69	68	66	68	72	70	55	49	46	45	47	45	55	60	70	69	65	46	40	48	47	47	61	60.2	
PAOUCAH	MAX	90	89	88	91	91	90	90	91	90	90	92	91	88	84	69	74	77	77	79	80	86	90	91	91	88	71	82	78	84	86	85.3	
	MIN	69	75	72	72	69	72	70	69	69	68	69	71	72	56	48	44	45	41	47	55	58	69	62	63	59	41	47	55	48	61	60.5	
PARADISE STEAM PLANT	MAX	93	87	90	88	90	94	92	92	92	91	91	91	90	89	63	70	76	80	79	79	82	87	90	91	91	81	72	78	69	88	84.9	
	MIN	69	72	71	69	68	69	68	68	68	68	66	67	66	60	41	42	41	41	49	50	52	59	65	62	69	44	40	50	45	51	58.3	
PIKEVILLE	MAX	90	92	92	92	92	92	92	92	91	91	92	92	92	86	68	73	74	75	78	82	85	90	91	92	92	70	78	77	84	86	85.8	
	MIN	68	68	68	70	71	70	69	67	67	68	67	69	65	63	55	46	49	48	56	61	59	56	65	66	63	55	51	50	52	52	61.1	
PRINCETON	MAX	86	91	81	93	93	91	89	89	90	89	86	82	70	78	75	70	78	75	78	79	87	90	92	91	78	72	83	73	81	83	83.6	
	MIN	66	74	70	67	68	62	67	66	65	67	66	65	67	57	44	40	43	45	45	54	62	67	61	61	61	36	43	53	45	56	57.7	
RICHMONO	MAX	90	85	87	89	89	90	89	87	88	89	89	89	89	90	70	69	73	72	72	81	82	84	89	90	92	88	71	77	73	80	83.4	
	MIN	70	70	68	67	67	67	67	67	68	68	66	66	67	69	45	39	44	48	52	5												

EVAPORATION AND WIND

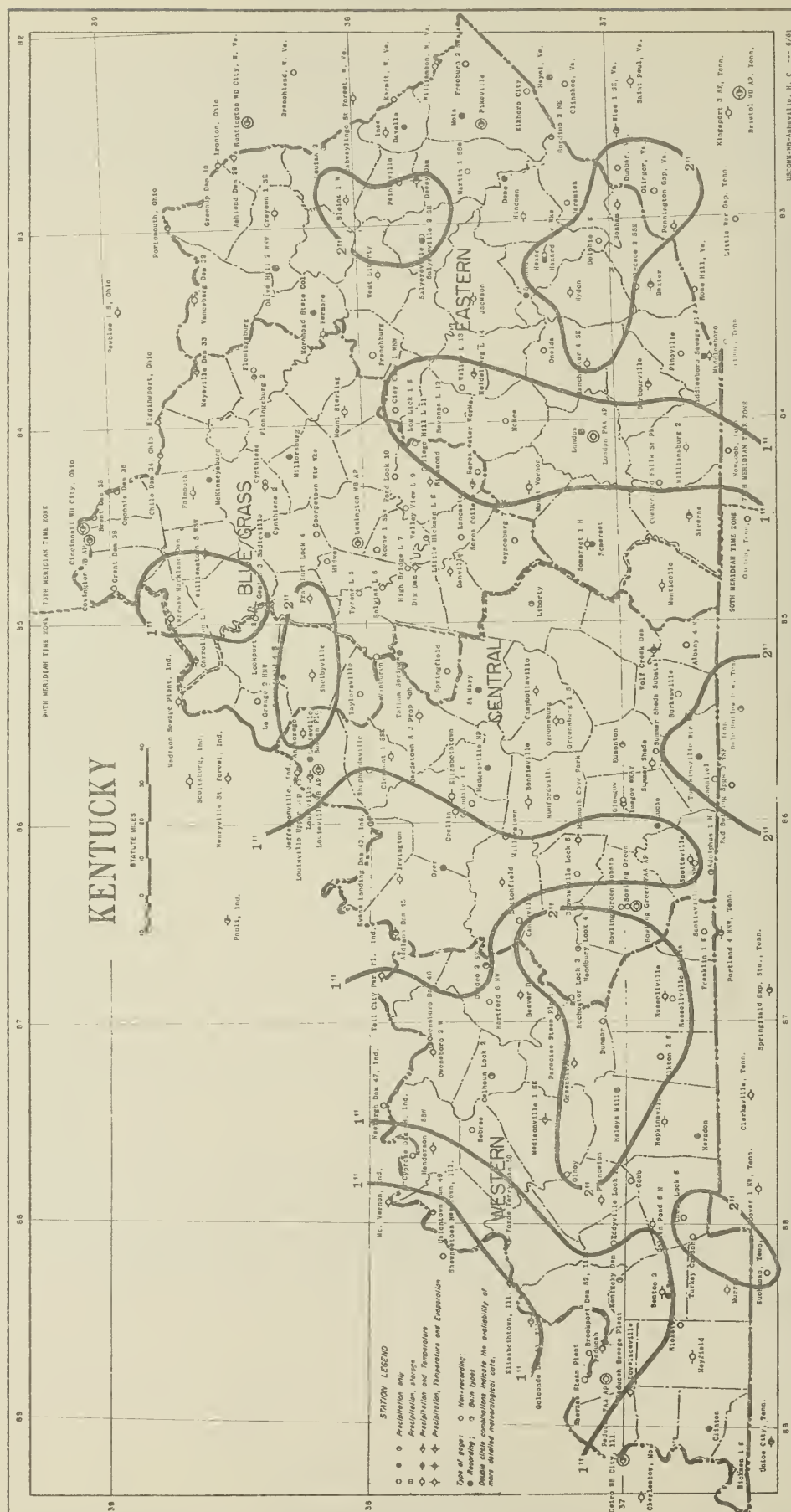
KENTUCKY
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Station		Day of month																															Total or Avg
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DEWEY DAM	EVAP	.12	.17	.13	.19	.14	.51	.12	.18	.13	.14	.16	.16	.02	.17	.06	.10	.17	.08	.10	.01	.50	.14	.16	.06	.10	.15	.12	.07	.10	.00	4.26 163	
	WIND	3	15	5	5	2	4	1	3	2	2	2	4	2	5	27	10	5	4	6	3	3	6	4	2	1	19	3	3	4	8		
DIX DAM	EVAP	.19	.14	.18	.18	.21	.14	.22	.17	.05	.18	.16	.19	.20	.28	.10	.14	.17	.20	.19	.12	.20	.20	.08	.12	.34	.19	.03	.26	.12	.17	5.12 790	
	WIND	51	38	44	24	11	13	7	34	4	5	3	9	20	105	108	26	26	34	25	9	12	10	9	7	22	56	5	11	33	29		

Dix Dam - Evaporation pan is coated with aluminum paint inside and out each year before being placed in operation.

See Reference Notes Following Station Index

KENTUCKY
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Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

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STATION INDEX

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STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
							TEMP.	PRECIP.	ETAP.	SPECIAL									TEMP.	PRECIP.	ETAP.	SPECIAL		
ADDISON DAM 45	0031	BRECKINRIDGE	7	37 55	86 34	380	6A				C	CORPS OF ENGINEERS	LOCKPORT LOCK 2	4857	HENRY	4	38 26	84 58	485					CORPS OF ENGINEERS
ALBANY 4 W	0063	CLINTON	2	36 45	85 08	1000	7A				C	MRS. BARBARA M. COOL	LOGLOCK 1 S	4862	CLARK	4	37 51	84 02	758					HUBERT BURGER
ANCHORAGE	0155	JEFFERSON	7	38 16	85 33	700	7P				C	CHARLES G. BARRETT	LONDON	4893	LAUREL	3	37 08	84 04	1195					KNOWLTON FERTILIZER CO.
ASHLAND	0254	KNOX	7	38 27	82 34	555	7A				C	ASHLAND WATER PLANT	LONDON FFA AP	4898	LAUREL	2	37 05	84 05	1191					FED. AVIATION AGENCY
BARDOLVILLE	0381	KNOX	2	36 52	83 35	1000	6P				C	UNION COLLEGE	LOUISA 2	4946	LAWRENCE	1	38 07	82 36	585					HAROLD C. FERGUSON
BARTSTOWN 5 J PREP SCH	0397	MELSON	8	37 48	85 28	631	5P				H	ST. JOSEPH PREP. SCHOOL	LOUISVILLE	4949	JEFFERSON	7	38 14	85 46	462					LOUISVILLE G. & CO.
BAXTER	0450	MARLAN	2	36 51	83 25	1164	7A				C	C. HOMER MOLAN	LOUISVILLE BOWMAN FLO	4951	JEFFERSON	7	38 13	85 40	558					CORPS OF ENGINEERS
BEAVER DAM	0490	OHIO	3	37 25	86 52	441	6P				H	E. G. YOUNG	LOUISVILLE WB AP	4954	JEFFERSON	7	38 11	85 44	403					U.S. WEATHER BUREAU
BENHAM	D595	MARLAN	2	36 58	82 57	1585	8A				C	C. C. WHITEAKER	LOUISVILLE UPPER GAGE	4955	JEFFERSON	7	38 17	85 48	403					CORPS OF ENGINEERS
BENTON	D611	MARSHALL	9	36 51	88 20	395					C	JAMES M. MILLER	LOVELACEVILLE	4967	BALLARD	6	36 58	88 50	370					BLAINE MALONE
BERTON 2	0615	MARSHALL	9	36 51	88 20	305	5P				C	RADIO STATION WGBL	LUCAS	5002	BARREN	3	36 53	86 02	738					WILLARD E. FOSTER
BEREA COLLEGE	0619	MAISON	4	37 34	84 18	1070	6P				C	JAMES A. GROSSMAN	MADISONVILLE 1 SE	5067	MORFIS	3	37 19	87 29	439					HOMER NELSON JR.
BEREA WATER WORKS	0624	MADISON	4	37 33	84 15	1010	7A				C	MRS. LAURA B. GABBARD	MANMOUTH CAVE PARK	5097	EDMONSON	3	37 11	86 05	800					NATIONAL PARK SERVICE
BLAINE 1 W	0752	LAMAR	1	38 02	82 52	690	8A				C	JOHN LEE BURTON	MANCHESTER 4 SE	5111	CLAY	4	37 06	83 43	850					NORA S. WHITE
BONNIEVILLE	0854	MART	3	37 23	85 54	684	5P				C	WILLIAM L. FERRISS	MARTIN 1 SSW	5171	FLOYD	1	37 33	82 45	656					JAMES O. HUGHES
BOWLING GREEN	0904	WARREN	3	37 00	86 24	536	7A				C	JAMES R. EDWARDS	MAYFIELD	5230	GRAVES	6	36 44	88 39	364					MAYFIELD ELEC. & WTR. CO.
BOWLING GREEN SUBSTA	0907	WARREN	3	37 01	86 24	470	5A				C	TV-639	MAYSVILLE DAM 33	5243	MASON	7	38 38	83 42	515					CORPS OF ENGINEERS
BOWLING GREEN FFA AP	0909	WARREN	3	36 58	86 24	535	MID				H	FED. AVIATION AGENCY	MCKEE	5291	JACKSON	3	37 26	84 00	1000					MRS. WINNIE W. MORAN
BRENT DAM 36	0976	CAMPBELL	4	37 39	83 54	972	7A				C	CORPS OF ENGINEERS	MCKINNEYSBURG	5301	PENDLETON	5	38 16	84 16	662					RICHARD T. STONOR
BUCKHORN	1080	PERRY	4	37 21	83 23	936					C	CORPS OF ENGINEERS	NETA	5370	PIKE	1	37 34	82 27	730					MRS. EDITH J. SMITH
BURDINE 2 NE	1120	PIKE	1	37 13	82 35	1643	8A				C	EDWIN E. JOHNSON	MIDDLEBORO	5389	BELL	2	36 37	83 43	1130					MRS. LELA M. HERRILL
BURKESVILLE	1137	CUMBERLAND	2	36 47	85 22	600	7A				C	MARVIN M. LEE	MIDDLEBORO SEWAGE PL	5394	BELL	2	36 38	83 43	1130					CITY OF MIDDLEBORO
CADIZ LOCK E	1206	TRIGG	2	36 46	87 58	384	7A				C	CORPS OF ENGINEERS	MIDWAY	5407	WOODFORD	4	38 09	84 41	-					CITY OF MIDWAY
CALHOUN LOCK 2	1227	MC LEAN	3	37 32	87 16	402	7A				C	CORPS OF ENGINEERS	MILLERSBORO	5430	BOURBON	5	38 18	84 09	789					CITY WATER WORKS
CAMPBELLVILLE	1256	TAYLOR	3	37 20	85 21	771	6P				C	ALVA MC KINLEY	MILLERSBORO	5438	GRAYSON	3	37 27	86 03	588					H. DVA M. LANER
CANEYVILLE	1294	GRAYSON	3	37 25	86 30	600	7A				C	G. V. COX SR.	MONTICELLO	5524	WAYNE	2	36 50	84 50	928					ALVIN L. BERTMAN
CARROLLTON LOCK 1	1345	CARROLL	4	36 41	85 11	480	4P				C	CORPS OF ENGINEERS	MOREHEAD STATE COLLEGE	5555	ROWAN	5	38 11	83 24	770					PROF. HENRY C. MAGGAN
CECILIA	1406	HARDIN	8	37 40	85 57	734	7A				C	WILLIAM S. VENTREES	MOUNT STERLING	5640	MONTGOMERY	5	38 04	83 56	930					FRED CARROLL
CLAY CITY 1 WNW	1576	POWELL	8	37 52	83 54	712	7A				C	JOE L. MOUNTZ	ADAMS	5648	MART	3	37 16	85 53	624					SHERMAN C. PUCKETT
CLERMONT 1 SSE	1611	BULLITT	8	37 55	85 40	540	5P				C	BERNHEN FOUNDATION	MURRAY	5694	CALLOWAY	9	36 36	82 20	622					MURRAY STATE COLLEGE
CLINTON	1631	HICKMAN	6	36 41	89 00	390					C	WOODSON O. FRANKLIN	OLIVE HILL 2 WNW	6013	CARTER	7	38 19	83 12	895					GEORGE E. DUVAL
COBB	1663	CALDWELL	2	36 59	87 47	490	7A				C	MRS. BENNIE B. WHITE	OLNEY	6020	HOPKINS	7	37 14	87 47	533					MELVIE PARLEE REISZ
COLLEGE HILL LOCK 11	1704	ESTILL	4	37 47	84 06	611	7A				C	CORPS OF ENGINEERS	ONEIDA	6026	CLAY	4	37 16	83 59	750					MRS. ANNA L. BROWN
COVINGTON WB AIRPORT	1855	BOONE	7	39 04	84 40	402	MID				C	U.S. WEATHER BUREAU	ONEIDA 35	6033	CAMPBELL	4	38 58	84 18	512					CORPS OF ENGINEERS
CUMBERLAND FALLS ST PK	1969	WHITLEY	2	36 50	84 19	1070	5P				C	KY. DEPT. OF CONSV.	ONEIDA 35	6091	DAVIESS	7	37 46	83 29	420					MRS. VIRGIL D. CLARK
CYNTHIANA	1998	MARRISON	5	38 23	84 18	684	7A				H	MARSHALL HILL	ONEIDA 35	6096	DAVIESS	7	37 47	87 07	404					CORPS OF ENGINEERS
CYNTHIANA 2	2003	MARRISON	5	38 23	84 17	719	8A				H	RY. CARDINAL DAIRY	PAIDCAN FFA AIRPORT	6110	MC CRACKEN	7	37 04	88 46	398					FED. AVIATION AGENCY
DANVILLE	2040	BOYLE	4	37 39	84 46	955	7A				C	H. R. P. COLDIRON	PAIDCAN	6115	MC CRACKEN	7	37 06	88 37	340					WESTERN P. LACKEY
DAVELLA	2053	MARTIN	1	37 48	82 32	700	7A				C	MRS. EVA M. OAVIS	PAIDCAN SEWAGE PLANT	6117	MC CRACKEN	7	37 06	88 36	325					CITY OF PAIDCAN
DELPHIA 1 E	2132	PERRY	4	37 02	83 07	1640	8A				C	THOMAS N. GRAHAM	PAIDCANVILLE	6136	JOHNSON	1	37 49	88 48	620					JESSE FAIRCHILD
DEMA	2139	KNOTT	1	37 25	82 48	850					C	HATTIE B. BARNEY	PARADISE STEAM PLANT	6155	MUHLERBURG	9	37 16	86 59	402					TV-764
DEWEY DAM	2180	FLOYD	1	37 45	82 47	653	7A				C	PHILLIP G. THACKER	PIKEVILLE	6353	PIKE	1	37 29	82 31	686					U.S. WEATHER BUREAU
DIAMOND	2214	MERCER	4	37 46	84 43	870	4P				C	JESSE L. HUFF	PIKEVILLE	6384	BELL	2	36 45	83 42	1002					FOLEY PARTIN
DUNDEE 2 SE	2358	MUHLERBURG	3	37 33	86 43	431	7A				C	N. D. GIVENS	PRINCETON	6575	CALDWELL	2	37 06	87 53	529					ALTON M. MARVILL
DUNMORE	2366	MUHLERBURG	3	37 05	87 00	592	7A				C	LENA BLAIR	RAVENNA LOCK 12	6679	ESTILL	4	37 40	87 57	634					CORPS OF ENGINEERS
DYER	2391	BRECKINRIDGE	3	37 43	86 13	793					C	CORPS OF ENGINEERS	RICHMOND	6805	MADISON	4	37 44	88 18	1122					THOMAS C. HERNDON
EDDYVILLE LOCK F	2445	METCALFE	3	37 00	85 37	865	7A				C	CORPS OF ENGINEERS	ROCHESTER LOCK 3	6882	OHIO	3	37 13	86 54	401					CORPS OF ENGINEERS
EDMONTON	2510	MARDIN	3	37 41	85 52	739	6P				C	JOHN E. MORAN	RUSSELLVILLE	7049	LOGAN	8	36 51	86 53	590					MRS. GLADYS TALLEY
ELKHORN CITY	2526	PIKE	1	37 18	82 21	800	7A				C	RADIO STATION WIEL	RUSSELLVILLE SUBSTA	7054	LOGAN	3	36 50	86 54	576					TV-683
ELKTON 2 S	2548	TOOD	2	36 47	87 10	520	7A				C	EDMOND G. BENNETT	SHADYVILLE	7074	SCOTT	4	38 24	86 33	791					MRS. TRESSIE A. RALSTON
ELMOUTH	2775	PENDLETON	5	38 40	84 21	560	6P				C	S. RICHARD ANDERSON	ST MARY	7096	MARION	8	37 35	85 21	743					JOHN B. BAUER
FARMERS	2791	ROWAN	5	38 09	83 33	668	4P				C	JOHN L. STAMPER	SALERSVILLE LOCK 6	7121	WOODFORD	4	37 56	84 49	490					CORPS OF ENGINEERS
FLEMINGSBURG	2903	FLEMING	5	38 25	83 43	858	7A				C	MRS. ALMYRA B. HALL	SALERSVILLE 2 SE	7134	MAGOFFIN	5	37 44	83 03	920					STANLEY GARDNER
FLEMINGSBURG 2	2908	FLEMING	5	38 25	83 43	911	6P				C	WILLIAM H. FISCHER	SCOTTSVILLE	7215	ALLEN	3	36 45	86 12	770					FORREST C. WILLIS
FORD LOCK 10	2953	MADISON	4	37 54	84 16	660	6A				C	CORPS OF ENGINEERS	SCOTTSVILLE 2 SW	7220	ALLEN	3	36 44	86 13	760					MOBLE ALLEN
FORDS FERRY DAM 50	3028	FRANKLIN	4	37 14	84 52	504	6A				C	CORPS OF ENGINEERS	SEBREE	7234	WEBSTER	7	37 36	87 32	350					MRS. IDELL F. OERING

51.05
WKE

U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

OCTOBER 1961
Volume 56 No. 10



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KENTUCKY - OCTOBER 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 88° on the 13+ at 3 stations

Lowest Temperature: 17° on the 27th at Cynthiana 2

Greatest Total Precipitation: 3.96 inches at Dewey Dam

Least Total Precipitation: 0.06 inch at Elizabethtown

Greatest One-Day Precipitation: 3.00 inches on the 1st at Turkey Creek
School

Greatest Reported Total Snowfall: Trace at Frankfort Lock 4 and
Benham

Greatest Reported Depth of Snow on Ground: None

CLIMATOLOGICAL DATA

KENTUCKY
OCTOBER 1961

Station	Temperature											Precipitation																
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days					Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days						
										Max. Min.									Total	Departure From Long Term Means	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										90° or Above	80° or Above	70° or Above	60° or Above	50° or Above														
WESTERN																												
BEAVER DAM	73.3M	45.8M	59.6M		85	12	24	27	190	0	0	2	0	2.64	2.30	1	.0	0		2	1	1						
BENTON 2	74.0M	42.4M	58.2M		85	12	22	27	231	0	0	6	0				.0	0										
FORDS FERRY DAM 50	71.6	47.9	59.8		87	12	33	27	192	0	0	0	0	.69 - 1.82	.19	1	.0	0		3	0	0						
GOLDEN POND 8 N	75.1M	42.4M	58.8M		86	12	24	27	215	0	0	4	0	2.83	2.06	1	.0	0		4	2	1						
GREENVILLE 2 W	73.2M	45.2M	59.2M	.1	85	12	26	27	198	0	0	2	0	2.37 - .13	1.34	1	.0	0		3	2	1						
HENDERSON 7 SSW	73.6	47.1	60.4	.3	87	12	27	27	169	0	0	2	0	.74 - 2.16	.35	1	.0	0		3	0	0						
HICKMAN 1 E	75.1	43.5	59.3		88	13	24	27	214	0	0	3	0	.91	.42	1	.0	0		4	0	0						
HOPKINSVILLE	73.5	43.3	58.4	- 1.7	86	1	28	27	223	0	0	4	0	3.75 - 1.23	2.25	1	.0	0		3	2	2						
LOVELACEVILLE	74.6	44.3	59.5	- 1.3	87	12	26	27	202	0	0	3	0	.78 - 2.37	.47	30	.0	0		3	0	0						
MADISONVILLE 1 SE	73.1	45.7	59.4		85	12	27	27	188	0	0	1	0	3.48	2.46	1	.0	0		4	1	1						
MAYFIELD	73.0	47.3	60.2		85	13+	29	27	191	0	0	2	0	.84	.44	1	.0	0			0	0						
OWENSBORO 2 W	73.3	45.9	59.6	.3	88	12	26	27	190	0	0	2	0	1.48 - 1.02	1.12	1	.0	0		3	1	1						
PADUCAH FAA AIRPORT	71.7	46.0	58.9		85	12+	29	27	217	0	0	2	0	1.24	.85	30	.0	0		2	1	0						
PADUCAH	74.5	46.8	60.7		87	12	30	27	169	0	0	2	0	1.34 - 1.41	1.23	30	.0	0		2	1	1						
PARADISE STEAM PLANT	73.9	43.7	58.8		87	13	26	27	216	0	0	3	0	2.70	1.84	1				4	2	1						
PRINCETON	73.5	42.3	57.9	- 2.2	84	13+	22	27	224	0	0	4	0	2.07 - .65	.95	30	.0	0		4	2	0						
RUSSELLVILLE	73.0	45.2M	59.1M	.0	84	12	25	27	194	0	0	2	0	2.90	.70	1	.0	0										
DIVISION			59.3	- .8										1.92 - .73			.0											
CENTRAL																												
ADDISON DAM 45 //	66.0	42.2	54.1		80	14+	26	27	337	0	0	3	0	2.13 - .27	1.64	1	.0	0		3	1	1						
ANCHORAGE	70.7	44.0	57.4	- .3	84	12	25	27	239	0	0	2	0	2.23 - .31	1.62	1	.0	0		4	1	1						
BARDSTOWN S J PREP SCH	74.1	41.8	58.0		86	12	23	27	223	0	0	3	0	1.29	.96	1	.0	0		2	1	0						
BONNIEVILLE	71.4	41.2	56.3		84	12	20	27	271	0	0	4	0	1.13	.64	1	.0	0		3	1	0						
BOWLING GREEN FAA AP	72.3	44.9	58.6	- 1.6	87	12	26	27	207	0	0	2	0	3.94 - 1.60	1.36	1	.0	0		5	4	2						
CAMPBELLVILLE	72.6M	44.2M	58.4M		85	12	24	27	214	0	0	1	0	1.46	.63	14	.0	0		4	1	0						
CECILIA	69.3	41.7	55.5	- 2.8	85	1	22	27	305	0	0	3	0	1.72 - .74	1.52	1	.0	0		2	1	1						
CLERMONT 1 SSE	74.8	44.4	59.6		87	13	24	27	182	0	0	2	0	1.69	1.45	1	.0	0		2	1	1						
ELIZABETHTOWN	72.2	41.4	56.8		84	12	22	27	253	0	0	2	0	.06	.03	31	.0	0		0	0	0						
GLASGOW WKAY	72.5	44.5	58.5		86	12	25	27	212	0	0	2	0	1.69	.61	14	.0	0		4	1	0						
GREENSBURG	72.7	40.2	56.5	- 1.6	86	13	24	28+	271	0	0	4	0	1.50 - .88	.52	14	.0	0		5	1	0						
IRVINGTON	72.3	45.9	59.1	- .1	85	12	26	27	200	0	0	2	0	1.79 - .62	1.38	1	.0	0		3	1	1						
LEITCHFIELD	70.8	47.2	59.0	- .5	83	13+	31	27	198	0	0	1	0	2.41 - .21	1.41	1	.0	0		5	1	1						
LOUISVILLE	72.6	48.7	60.7		87	12	32	27	160	0	0	1	0	2.70	2.30	1	.0	0		3	1	1						
LOUISVILLE WB AP	70.0	45.8	57.9	- .7	84	12	27	27	232	0	0	2	0	2.00 - .45	1.48	1	.0	0		3	1	1						
MAMMOTH CAVE PARK	71.8	46.5	59.2		83	13	28	27	199	0	0	2	0	1.97	.56	1	.0	0		5	1	0						
SCOTTSDALE	73.5	46.0	59.8		85	13+	26	27	186	0	0	2	0	2.31	.92	2	.0	0		5	2	0						
SUMMER SHADE	71.0	43.0	57.0		85	12	25	27	252	0	0	3	0	1.53	.33	2	.0	0		6	0	0						
WOLF CREEK DAM	72.6	37.5	55.1		86	1	21	27	307	0	0	9	0	1.30	.66	2	.0	0		4	1	0						
DIVISION			57.8	- 1.2										1.83 - .60			.0											
BLUE GRASS																												
BEREA COLLEGE	73.7	44.9	59.3	.2	85	12	31	27	190	0	0	1	0	1.00 - 1.21	.21	2	.0	0		6	0	0						
CARROLLTON LOCK 1	71.6	44.8	58.2		83	12	25	27	216	0	0	1	0	1.54 - .78	.90	1	.0	0		5	1	0						
COVINGTON WB AIRPORT	69.4	46.7	58.1	2.1	85	12	30	27	226	0	0	1	0	1.88 - .29	1.10	1	.0	0		4	1	1						
CYNTHIANA 2	72.8	38.5	55.7		88	13	17	27	296	0	0	6	0	.67	.19	1	.0	0		4	0	0						
DANVILLE	71.4	42.1	56.8		83	13+	27	28+	268	0	0	4	0	.92 - 1.24	.51	14	.0	0		3	1	0						
DIX DAM	73.3	46.1	59.7		86	12	28	27	190	0	0	1	0	.99	.71	14	.0	0		3	1	0						
FALMOUTH	72.3	40.7	56.5		85	13+	22	27	261	0	0	3	0	1.38 - .79	.31	14+	.0	0		5	0	0						
FLEMINGSBURG 2	68.7	43.8	56.3		82	13	24	27	273	0	0	2	0	.90	.30	30	.0	0		4	0	0						
FRANKFORT LOCK 4	72.3	40.5	56.4	- 2.1	87	13	24	28	271	0	0	4	0	1.20 - .98	.63	1	T	0		4	1	0						
LEXINGTON WB AIRPORT	69.8	46.3	58.1	.2	84	12	28	27	226	0	0	2	0	.88 - 1.56	.37	1	.0	0		3	0	0						
MAYSVILLE DAM 33	70.7	41.4	56.1	- 1.3	84	14+	24	28+	277	0	0	3	0	.76 - 1.56	.19	2	.0	0		4	0	0						
MOUNT STERLING	72.4	44.2	58.3		85	11	26	27	224	0	0	2	0	1.76 - .54	.74	14	.0	0		5	1	0						
RICHMOND	70.7	43.8	57.3		83	13+	27	27	249	0	0	3	0	1.07	.35	14	.0	0		4	0	0						
SHELBYVILLE	70.5	43.6	57.1	- 1.6	85	13	26	27	259	0	0	3	0	1.96 - .46	1.18	1	.0	0		4	1	1						
WARSAW MARKLAND DAM	70.7	43.9	57.3	- .9	84	12	26	27	238	0	0	2	0	1.69 - .58			.0	0										
WILLIAMSTOWN 5 WSW	70.6	43.1	56.9	- 2.0	85	13	29	27	263	0	0	3	0	1.46 - .84	.50	1	.0	0		5	1	0						
DIVISION			57.4	- 1.1										1.25 - 1.02			T											
EASTERN																												
ASHLAND	71.4	40.9	56.2	- 2.7	84	13+	28	27	273	0	0	3	0	2.89	1.03	.73	2	.0	0		7	2	0					
BARBOURVILLE	72.1M	39.7M	55.9M		83	11	20	27	273	0	0	6	0	2.61	1.10	3	.0	0		5	1	1						
BAXTER	70.1	41.3	55.7		83	13	23	27	284	0	0	3	0	3.07	.95	3	.0	0		6	3	0						
BENHAM	71.5	40.9	56.2		82	12	21	27	264	0	0	3	0	3.88	2.00	3	T	0		9	1	1						
BLAINE 1 W	M	38.3	M				20	27		0	0	4	0	3.72	1.47	3	.0	0		6	3	1						
DEWEY DAM	71.3	42.7	57.0		85	1	28	27	248	0	0	4	0	3.96	1.02	3	.0	0		6	5	1						
FARMERS	73.4	40.9	57.2	.2	84	12	21	27	244	0	0	2	0	1.91 - .29	.94	2	.0	0		5	1	0						
GRAYSON 1 SE	71.2	40.1	55.7		84	14+	23	27	292	0	0	3	0	2.47	.60	2	.0	0		8	1	0						
HEIDELBERG LOCK 14	71.5	40.3	55.9		81	13	21	27	280	0	0	3	0	2.93	.91	1.15	2	.0	0		6	2	1					
HINDMAN	72.4M	39.7M	56.1M		84	12	20	28	275	0	0	0	0	3.80	1.70	3	.0	0		7	3	1						
HYDEN	74.2	40.5	57.4		86	13+	23	28+	244	0	0	4	0	2.85	.80	4	.0	0		7	2	0						
INEZ			M														.0	0										
JACKSON	69.3	40.3	54.8		82	1	24	28+	312	0	0	3	0		.0	0												

CLIMATOLOGICAL DATA

KENTUCKY
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CONTINUED

CONTINUED

Station	Temperature												Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days			
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More	
										90° or Above	70° or Above	50° or Above	32° or Below											
										0° or Below														
MIDDLESBORO	71.9	41.7	56.8		84	12	20	27	257	0	0	4	0	2.08		1.01	3	.0	0		5	1	1	
MONTICELLO	72.1	43.3	57.7		85	12	22	27	239	0	0	4	0	1.35		.44	3	.0	0		4	0	0	
RENFRO VALLEY	71.6M	41.1M	56.4M		82	13	19	27	270	0	0	4	0	1.79		.75	3	.0	0		7	1	0	
SOMERSET 1 N	70.5	42.0	56.3		82	12+	20	27	272	0	0	4	0	1.80		.55	3	.0	0		5	1	0	
STEARNS	70.3	41.8	56.1		82	13+	26	28+	283	0	0	3	0	1.98		.86	3	.0	0		6	1	0	
VANCEBURG DAM 32	71.0	43.9	57.5		84	13+	29	27	241	0	0	2	0	1.95	-.33	.59	2	.0	0		6	1	0	
WEST LIBERTY	72.9	37.0	55.0		87	1	19	28	313	0	0	6	0	2.44		.87	2	.0	0		4	2	0	
WILLIAMSBURG 2	74.1	41.4	57.8	- 1.3	87	13	24	28+	235	0	0	0	0	2.47	.32	.63	3	.0	0		6	2	0	
DIVISION			56.4	- 1.9										2.61	.39			T						

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
COVINGTON WB AIRPORT	S	19	8.4	23++	SSW	28+	70	80	51	54	5	3	3	0	1	0	12	-	5.2
LEXINGTON WB AIRPORT	S	17	8.2	25++	W	30+	76	85	50	61	4	2	3	0	0	0	9	-	4.2
LOUISVILLE WB AIRPORT	SE	15	6.8	24	N	14	81	87	56	59	3	3	2	0	1	0	9	66	4.4

See Reference Notes Following Station Index

DAILY PRECIPITATION

KENTUCKY
OCTOBER 1961

Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADISON DAM 45	2.13	1.64	.23											T							.21	T										.05	
ALBANY 4 N	1.54		.09	.21										.13	.02						.20	.02	.01				.06	.34			.15	.02	
ANCHORAGE	2.23	1.62													.29						.38	.63					.03					.23	
ASHLAND	2.89		.73	.29	.31										.33						.20	.03	.08				.42	.03				.06	
BARBOURVILLE	2.61		.34	1.10											.03						.02					T					.01	.02	
BARSTOWN 5 J PREP SCH	1.29	.96	.27											T	.03						.38	.23	.03					.27			.28	.02	
BAXTER	3.07		.54	.95	.62										.02						.04	.02										.02	
BEAVER DAM	2.64	2.30												.20							.32	.29	.27				.24	T				.24	
BENHAM	3.88		.13	2.00	.17																												
BENTON 2	-	-																															
BEREA COLLEGE	1.00		.21	.19			T							.10							.10		.20				.20				T	T	
BEREA WATER WORKS	1.41		.43	.38	.02									.15	.02							.20	.29					.17				.02	
BLAINE 1 W	3.72		.63	1.47	.42									.63							.13	.02	.20				.02				.18	.08	
BONNIEVILLE	1.13	.64	.02											.05								.02	.03					.12				.30	
BOWLING GREEN	2.92	.80	.45	.05										1.05								.12	.03										
BOWLING GREEN SUBSTA	2.92	1.10	.24	.03										.95							.03	.15	T								.06	.36	
BOWLING GREEN FAA AP	3.94	1.36	T	.05						T				.60							.10	T	T				.01	.09			T	1.10	
BRENT DAM 36	2.29	.56	.23											.96							.21	T				T		.14				.24	
BROWNSVILLE	2.18	.71	.46	.02										.04								.21	T									.42	
BURDINE 2 NE	3.14		.20	.45	1.55																.60	.34										.18	
BURKESVILLE	1.61		.55	.11	T									.24	T						.12							.29				.30	
CAOZ LOCK E	3.27	2.48																														.24	
CALHOUN LOCK 2	1.14	.88	T											.12							.15	.01				T						.55	
CAMPBELLVILLE	1.46	.04	.29	.09										.63							.12	.03	T				.08					.10	
CANEYVILLE	2.34	1.52	.09											.24							.17						.09	.02				.16	
CARROLLTON LOCK 1	1.54	0.90	.11											.16							.25	T					.10	T				.02	
CECILIA	1.72	1.52												T							.15											.05	
CLAY CITY 1 WNW	.73		.32	.05										.20							.16	T										T	
CLERMONT 1 SSE	1.69	1.45	.07											.03	T						.11	.02	T				.01					T	
COBB	2.93	2.03																															.26
COLLEGE HILL LOCK 11	1.25		.43	.06										.35							.21	.09						.11				T	
COVINGTON WB AIRPORT	1.88	1.10												.02							.17	T	.01	T			.16					.40	
CUMBERLAND FALLS ST PK	2.93		.93	1.06										.22							.19		.06				.22					.06	
CYNTHIANA	.62	.14	.13											.12							.18	T						.03				.02	
CYNTHIANA 2	.67	.19	.10											.16							.15	.03						.02				.02	
DANVILLE	.92		.25	T										.51	T						.12	T						.02				.02	
DELPHIA 1 E	3.05		.36	1.08	.84	.04								.13	.01						.53	.56	.03					.19				.03	
DEWEY DAM	3.96		.55	1.02	.88									.35							.11							.05				.02	
DIX DAM	.99	T	.15											.71							.11							.02				T	
DUNDEE 2 SE	2.45	2.08	.05																		.15											.12	
DUNMORE	3.47	2.02	.13											.60							.13							.05				.40	
EDDYVILLE LOCK F	1.24	.35	T											T							T	T						.05	T			.17	
EDMONTON	1.13		.42	.20										.26							.15											.10	
ELIZABETHTOWN	.06		.01											T							.02											.03	
ELKHORN CITY	3.60		.13	.96	.96									.17							.30	.55						.12				.14	
ELKTON 2 S	2.86	1.22	.52																		.05	T	T									.05	
FALMOUTH	1.38	.29	.31											.31							.18	.05						.06				.04	
FARMERS	1.91	.03	.94	.18	.05									.34							.11	.11										.02	
FLEMINGSBURG	1.59	.04	.46	T										.41							.11	.11						.03				.03	
FLEMINGSBURG 2	.90	.07	.13											T							.10	.05										.30	
FORD LOCK 10	.95		.35	T										.35							.15	.10										T	
FORDS FERRY DAM 50	.69	.19												.02							.04	.08	T	T				.05	T			.15	
FRANKFORT LOCK 4	1.20	.63	.23											.21	T						.11	T										.02	
FRANKLIN 1 E	2.94	1.00	.86	T										T							.31	.59	.01					.21				.87	
FREEBURN 2 SW	3.36		.03	1.02	.92																								.08				.01
FRENCHBURG	1.49		.88	.05										.12							.13	.11						.19				.02	
GAMALIEL 1 S	1.29		.07	.18										T							.13	T						.18				.73	
GEORGETOWN WATER WORKS	.79	.40	.06											.13							.17	T										.03	
GEST LOCK 3	1.74	.75	.50											.10							.13	.07						.10				.14	
GLASGOW	1.69		.52	.12										.57																			

DAILY PRECIPITATION

KENTUCKY
OCTOBER 1961

Continued

Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
OWENSBORO OAM 46	1.37	.95	.04									T	T								.16	.01					T	.02			.17	.02	
PAOUCAH FAA AIRPORT	1.24		.02									T									.03		T				T			.02	.17	.02	
PAOUCAH	1.34																													.02	.85	.32	
PAINTSVILLE	3.22		.44	.94	.85							T										.25	.39							1.23	.11		
PARADISE STEAM PLANT	2.70	1.84	.05												.32							.12						.03			.56	.10	
PINEVILLE	2.71		.19	.97	.57										.08	T						.20	.18	.02				.36			.14	.	
PRINCETON	2.07	.76													.20						.03	.01								.95	.12	.	
RAVENNA LOCK 12	1.86		.95	.43	.10										.15							.15	T					.08			.10	.	
RENFRO VALLEY	1.79	.12	.27	.75											.10							.10	.05				.30				.10	.	
RICHMOND	1.07		.34	.03											.35							.14	.10					.09		T		.02	
ROCHESTER LOCK 3	3.30	2.29	.04												.03							.06	.02					T			.56	.30	
RUSSELLVILLE	2.90	1.13	.67												.22															*	1.10	.	
RUSSELLVILLE SUBSTA	2.68	1.00	.75	.02											.45								T							.10	.10	.49	
SALVISA LOCK 6	1.28	.32	.27												.45	.02						.17	T					T				.05	.
SALYERSVILLE 2 SE	3.17		.41	.95	.69										.33							.30	.19					.26				.04	.
SCOTTSVILLE	2.31	.26	.92	.24											.12						.02	.06					.20				.59	.06	.
SCOTTSVILLE 2 SW	2.06	.25	.95	.25											.03							.03					.25					.21	.
SEBREE	1.95	.50							T													T								.20	.45	.80	.
SHAWNEE STEAM PLANT	1.77	T			.02								.02																		.32	1.30	.
SHELBYVILLE	1.96	1.18	.24												.02							.15	.01	T			.11	.05	.05		.01	.25	.
SHEPHERDSTOWN	1.60		1.30	.07											T							.21	T				.02						.
SOMERSET 1 N	1.80	.08	.40	.55											T						.38	.05	.03				.11			.15	.05	.	
SPRINGFIELD	.26														.15							.11											.
STEARNS	1.98		.15	.86	.15										.18							.23	.09									T	.
SUMMER SHADE	1.53		.33	.23											.24						.13	.04					.18			.0	.30	.	
SUMMER SHADE SUBSTA	1.62		.36	.24											.23	T						.15					.25	T			.39	.	
TAYLORSVILLE	2.21	1.20	.60												.15							.18					.06				.02	.	
TURKEY CREEK SCHOOL	3.49	3.00	.03										T								.02	.04								.07	.33	.	
TYRONE LOCK 5	1.16	.29	.15												.21	.14						.17	.02								.18	.	
UNIONTOWN OAM 49	.43	.04	.02									T									.04	.10					T	.01		.17	.05	.	
VALLEY VIEW LOCK 9	.94		.25												.46							.15	.06					.02				T	.
VANBUREN	1.20	.50	.42												.15							.13										.	
VANCEBURG OAM 32	1.95		.59	T	T										.35							.40	.12					.22				.27	.
WARSAW MARKLAND OAM	1.69	*	.88	.22											.13	T						.26	.02				T	.08			.07	.03	.
WAYNESBURG 7 NE	.92		.22	.22	T										.07							.09	.03					.25				.04	.
WEST LIBERTY	2.44		.87	.81	.36																	T	.31					.09			T	T	.
WILLIAMSBURG 2	2.47		.47	.63	.51										.18	.03						.18	.05					.42			T	.	
WILLIAMSTOWN 5 WSW	1.46	.50	.29												.25							.15	T				T	.05		T	.22	.	
WILLOW LOCK 13	2.46		.85	.84	.29										.17							.12	.04								.15	.	
WOLF CREEK OAM	1.30		.66	.13											.14							.07						.25			.05	.	
WOODBURY LOCK 4	2.92	1.69	.22												.03							.20	T					T			.60	.18	.

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Oelayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Oivisions, as used in "Climatological Oata" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Oata" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Oata in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Oata" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Oata" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Oata" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Oata" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

O Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Oata.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., EST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL OATA-NATIONAL SUMMARY, and STORM OATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

DAILY TEMPERATURES

KENTUCKY
OCTOBER 1961

Station		Day Of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ADDISON DAM 45	MAX	79	49	55	56	64	70	75	73	74	74	80	75	80	80	54	57	69	76	72	50	50	56	57	67	72	62	50	58	69	74	70	66.0	
	MIN	48	39	41	37	38	42	42	42	44	48	50	50	56	46	31	40	41	42	46	34	38	42	38	37	44	36	26	28	48	52	62	42.2	
ANCHORAGE	MAX	74	63	62	65	72	75	75	77	81	82	80	84	81	66	64	75	80	79	57	52	57	66	72	77	69	57	62	70	78	73	66	70.7	
	MIN	50	42	45	37	42	41	42	43	44	49	51	54	54	44	30	40	42	43	45	37	49	45	37	45	52	37	25	39	44	60	59	44.0	
ASHLAND	MAX	84	78	56	52	62	73	77	78	76	80	80	84	84	82	56	61	70	80	80	76	56	66	63	70	78	76	57	60	68	80	71	71.4	
	MIN	47	46	45	42	38	37	35	45	47	47	42	45	54	40	34	36	38	39	44	38	44	49	39	41	43	36	28	30	32	34	50	40.9	
BARBOURVILLE	MAX	81	72	52	65	71	72	71	78	79	81	83	81	82	77		72	79	78	76	46	54	68	72	76	74	60	62	76	78	73	74	72.1	
	MIN	48	52	45	40	38	37	42	43	43	41	41	46	50	48	30	30	40	40	40	36	38	40	35	37	40	30	20	30	32	34	58	39.7	
BARSTOWN S J PREP SCH	MAX	82	64	64	70	74	77	77	80	82	83	86	84	78	64		38	40	40	75	51	57	66	75	78	76	66	64	72	80	78	72	74.1	
	MIN	48	41	44	30	37	39	41	41	40	44	48	50	50	42	27	36	40	41	44	36	46	43	35	40	51	34	23	40	45	62	59	41.8	
BAXTER	MAX	81	79	60	50	65	70	75	76	77	78	81	81	83	77	59	59	72	76	77	72	51	57	64	72	74	74	57	63	67	76	71	70.1	
	MIN	52	53	47	43	41	41	42	46	46	47	47	48	51	53	33	33	33	43	44	36	39	46	39	39	41	33	23	24	30	38	48	41.3	
BEAVER DAM	MAX	79	64	64	70	74	76	75	78	81	82	80	85	83	73	66	76	80	80	69	52	65						59	64	74	80	76	74	73.3
	MIN	50	42	45	35	43	43	45	48	48	51	54	56	55	47	30	37	41	41	46	40	50						37	24	45	56	64	63	45.8
BENHAM	MAX	76	78	65	50	71	75	72	72	78	80	81	82	79	74	59	70	78	75	72	70	56	74	75	75	74	59	62	67	78	71	69	71.5	
	MIN	48	51	44	40	38	37	41	45	44	46	44	48	48	43	33	35	41	40	41	36	35	47	35	39	41	31	21	29	44	47	57	40.9	
BENTON 2	MAX		60	65	74	72	76	84	82		75	83	85	84	74	66	81	79	80	82	56	58	64	77	80	74	62	67	75	80	72	80	74.0	
	MIN	52	42	39	32	32	37	46	48		48	48	48	53	43	27	61	36	35	34	40	49	38	34	41	54	25	32	32	58	66	53	42.4	
BEREA COLLEGE	MAX	78	66	57	65	72	77	76	78	81	83	82	85	84	78	69	75	80	81	73	57	61	63	73	76	77	63	71	73	79	78	74	73.7	
	MIN	48	46	42	35	45	47	44	47	45	51	50	59	57	45	37	48	49	49	44	34	37	34	35	50	51	37	31	37	45	52	61	44.9	
BLAINE 1 W	MAX	86	80	59	58											60		80	80	76	58	65	63	75	78	76	58		60	69	79	76	71.6	
	MIN	49	49	44	41	33	35	40	44	44	44	42	45	49	39	34	35	35	38	37	36	38	44	34	34	36	30	20	26	30	35	47	38.3	
BONNIEVILLE	MAX	77	63	62	68	72	74	75	77	79	80	81	84	81	71	62	75	77	78	72	49	55	62	72	77	70	59	62	73	80	74	72	71.4	
	MIN	53	47	48	32	35	37	37	42	41	44	45	50	50	48	28	38	37	37	40	38	46	36	33	37	46	28	20	33	51	60	59	41.2	
BOWLING GREEN FAA AP	MAX	72	63	63	72	75	79	78	81	83	83	81	87	83	61	63	77	82	82	55	52	60	63	75	79	72	59	68	71	80	70	73	72.3	
	MIN	52	49	42	38	42	43	43	49	47	50	50	53	55	44	37	43	43	43	44	40	47	43	35	41	47	31	26	43	50	62	61	44.9	
CAMPBELLSVILLE	MAX	80	64	60	69	72	77	76	80	82	84	83	85	82	78	62	75	78	79	72	48	54	65			78	69	65	71	79	74	71	72.6	
	MIN	55	47	46	34	38	41	42	44	44	47	51	52	54	47	34	38	41	42	44	37	45	48			38	55	36	24	36	45	59	61	44.2
CARROLLTON LOCK 1	MAX	80	61	59	66	72	75	74	77	78	79	79	83	82	68	65	72	79	78	77	51	61	63	70	74	73	64	61	71	78	77	72	71.6	
	MIN	51	42	46	36	46	42	42	43	42	47	50	53	51	47	33	41	42	44	44	38	50	49	37	46	54	40	25	39	45	63	60	44.8	
CECILIA	MAX	85	59	61	61	66	74	75	74	75	79	80	79	81	80	57	62	72	78	78	54	50	57	60	71	75	68	52	60	71	78	75	69.3	
	MIN	58	45	47	35	38	39	40	40	43	47	51	51	50	47	29	35	39	38	40	38	40	37	35	35	44	35	22	30	44	60	60	41.7	
CLERMONT 1 SSE	MAX	85	66	66	68	75	78	79	81	82	84	84	85	87	83	62	75	81	82	81	49	54	68	75	80	75	63	65	74	78	80	75	74.8	
	MIN	53	47	49	35	42	42	43	42	43	48	52	56	54	44	29	40	44	43	46	38	49	42	34	43	52	37	24	38	54	55	59	44.4	
COVINGTON WB AIRPORT	MAX	72	60	61	66	72	77	77	80	80	82	80	85	80	55	65	72	80	79	59	53	56	62	71	73	64	52	59	68	77	69	64	69.4	
	MIN	48	38	44	38	47	48	50	52	50	57	58	59	54	42	34	44	48	50	41	38	49	45	44	50	47	37	30	45	49	62	51	46.7	
CYNTHIANA 2	MAX	85	70	63	60	70	75	78	80	81	83	84	87	88	85	58	64	75	82	81	66	56	58	62	74	78	70	51	62	72	80	78	72.8	
	MIN	61	46	47	30	35	34	36	39	36	40	43	48	47	44	28	30	36	36	40	38	42	35	35	32	44	35	17	24	35	50	52	38.5	
DANVILLE	MAX	82	71	61	61	68	73	77	75	79	82	83	83	83	81	58	62	75	80	80	62	51	55	62	75	78	70	58	63	69	78	77	71.4	
	MIN	55	43	42	33	33	41	41	41	42	41	48	54	53	45	32	32	41	46	49	38	38	44	35	36	48	39	27	27	42	58	61	42.1	
DEWEY OAM	MAX	85	74	55	49	65	72	76	77	79	78	80	82	83	82	57	61	71	78	81	76	56	64	64	74	77	71	57	61	68	80	77		

DAILY TEMPERATURES

KENTUCKY
OCTOBER 1961

Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HYOEN	MAX MIN	86 52	82 52	56 47	49 44	68 41	75 41	78 41	80 45	80 47	82 44	84 44	86 47	86 51	83 52	63 34	64 34	75 34	81 41	83 41	76 36	59 39	61 44	68 38	79 38	81 42	79 33	61 23	66 23	73 29	81 32	76 45	74.2 40.5
INEZ	MAX MIN																																
IRVINGTON	MAX MIN	75 51	63 43	62 41	70 35	74 46	77 45	77 46	80 45	82 46	83 51	80 57	85 57	83 56	70 46	63 30	77 44	80 46	80 46	66 45	49 38	61 48	62 42	73 36	78 46	69 57	57 35	63 26	72 48	80 52	77 63	73 59	72.3 45.9
JACKSON	MAX MIN	82 51	78 51	54 43	51 47	62 39	70 39	73 44	74 46	76 43	77 44	80 47	80 43	81 52	58 33	59 34	68 37	68 37	77 42	71 36	55 40	62 46	61 36	69 36	75 40	76 36	55 24	58 24	71 30	77 33	75 47	69.3 40.3	
LEITCHFIELD	MAX MIN	75 50	62 45	61 47	69 40	73 45	74 45	74 48	77 48	79 50	80 54	83 56	83 58	83 58	66 48	63 34	70 45	78 48	63 44	48 38	58 47	61 43	72 40	77 47	70 53	61 36	62 31	72 46	80 51	74 60	72 61	70.8 47.2	
LEXINGTON WB AIRPORT	MAX MIN	70 50	60 46	58 42	67 37	73 46	77 48	78 49	79 51	80 45	79 52	83 56	84 58	82 58	60 41	61 32	73 42	78 49	78 49	62 41	52 38	55 50	58 43	73 42	76 49	67 44	55 35	60 28	69 42	76 49	75 62	67 60	69.8 46.3
LONDON FAA AIRPORT	MAX MIN	77 58	59 51	52 36	65 32	72 34	74 38	74 40	76 41	78 38	79 41	82 46	82 46	79 50	64 35	59 30	71 34	77 39	78 41	69 35	43 55	55 60	60 38	73 32	76 42	75 45	55 31	61 21	69 31	76 39	73 53	74 61	69.6 40.2
LOUISVILLE	MAX MIN	72 52	64 48	65 44	72 44	75 49	78 48	78 49	80 50	82 52	84 55	83 56	87 60	83 59	61 45	66 37	78 49	82 52	81 50	59 41	55 41	63 49	64 49	73 43	79 51	70 50	59 41	64 32	72 46	78 52	76 55	67 62	72.6 48.7
LOUISVILLE WB AP	MAX MIN	75 53	64 47	64 42	68 38	72 47	74 46	74 44	76 43	78 46	80 51	81 54	84 56	82 55	60 44	64 32	74 44	78 45	75 44	57 42	52 40	56 48	62 47	71 39	75 46	67 49	55 33	60 27	71 43	77 50	74 64	66 60	70.0 45.8
LOVELACEVILLE	MAX MIN	78 51	60 41	67 36	73 33	76 38	79 39	78 42	84 49	85 50	86 57	82 59	87 55	70 43	69 30	80 33	82 37	81 37	70 46	57 40	59 49	61 37	74 41	81 73	73 63	71 58	63 28	76 42	81 57	70 63	76 60	74.6 44.3	
MADISONVILLE 1 SE	MAX MIN	80 51	60 41	63 43	71 37	73 44	76 44	75 42	79 46	81 48	82 50	80 56	85 55	82 58	73 47	66 33	78 42	80 45	78 46	72 46	53 40	59 49	62 45	74 35	78 43	73 59	61 38	66 27	74 43	80 50	77 60	74 60	73.1 45.7
MAMMOTH CAVE PARK	MAX MIN	80 58	60 47	61 47	67 36	70 42	73 45	74 47	76 49	78 47	80 53	82 58	82 55	83 57	78 50	62 31	74 41	78 45	79 45	75 45	49 39	55 46	62 41	71 35	78 44	74 58	66 34	63 28	73 45	80 52	75 60	69 62	71.8 46.5
MANCHESTER 4 SE	MAX MIN	80 52	79 53	53 45	66 41	73 38	76 39	77 43	78 45	80 44	82 42	85 45	82 48	76 52	61 33	73 33	80 40	80 38	74 41	48 35	58 41	63 35	75 38	78 40	65 64	70 30	80 28	75 32	75 45	75 59	73.1 40.9		
MAYFIELD	MAX MIN	77 53	61 42	64 40	73 37	74 41	75 42	77 47	80 54	82 53	84 55	81 63	85 61	85 58	62 45	68 32	80 39	81 42	80 42	60 48	55 41	58 49	58 40	73 35	78 49	72 59	64 36	69 29	75 49	80 60	74 65	78 60	73.0 47.3
MAYSVILLE OAM 33	MAX MIN	84 50	72 48	61 48	58 37	65 39	73 40	75 41	75 43	75 47	78 47	79 46	82 47	81 52	84 47	53 33	63 38	72 41	81 44	68 39	57 43	73 39	78 40	73 43	69 43	57 42	60 24	71 24	79 32	76 37	70.7 41.4		
MIDDLESBORO	MAX MIN	79 53	74 54	54 46	67 38	71 41	74 44	76 44	77 43	78 44	81 45	81 48	84 49	82 50	75 31	63 32	74 32	77 42	78 42	73 41	46 36	57 41	65 48	72 36	75 39	76 40	62 34	64 20	66 28	78 33	75 45	71.9 41.7	
MONTICELLO	MAX MIN	76 63	67 51	60 44	64 30	73 34	76 41	76 40	78 40	81 40	82 41	84 54	85 50	82 51	70 46	62 30	76 36	79 40	80 42	70 45	45 36	55 43	61 45	76 33	79 47	75 54	59 33	66 22	72 41	80 54	73 61	74 60	72.1 43.3
MOUNT STERLING	MAX MIN	82 63	64 44	57 43	67 37	73 43	78 44	77 45	78 46	81 45	81 48	85 51	84 56	84 55	78 43	61 31	73 40	81 44	81 44	75 41	46 35	57 41	58 40	73 35	78 45	72 50	64 36	60 26	71 38	78 43	75 58	73 57	72.4 44.2
OWENSBORO 2 W	MAX MIN	76 50	62 41	66 44	72 36	74 42	76 42	78 43	83 48	82 49	84 52	79 56	88 56	81 58	64 46	67 31	80 38	82 42	80 42	65 46	51 40	63 49	66 45	74 36	80 45	71 57	61 37	67 26	74 46	79 54	75 64	72 61	73.3 45.9
PAOUCAN FAA AIRPORT	MAX MIN	61 45	58 41	65 38	72 36	74 47	77 48	77 52	82 50	83 53	85 55	80 65	85 59	80 45	61 35	64 35	78 42	79 44	78 48	60 43	55 40	57 37	62 37	72 38	79 47	70 44	60 31	68 29	75 53	81 61	71 62	73 61	71.7 46.0
PAOUCAN	MAX MIN	83 45	58 41	65 40	73 38	75 42	79 42	77 47	82 49	84 51	84 55	80 64	87 57	83 58	73 46	68 33	80 42	81 42	81 46	75 46	55 43	58 49	61 41	74 39	80 46	71 60	64 32	69 30	75 53	81 61	80 62	74 61	74.5 46.8
PARADISE STEAM PLANT	MAX MIN	86 52	54 43	63 45	65 36	73 41	75 42	73 42	78 46	82 48	84 50	86 52	80 54	87 54	70 47	62 32	68 39	79 41	82 42	82 46	59 40	55 42	60 46	65 36	76 39	81 37	75 33	62 26	68 32	75 51	81 59	81 59	73.9 43.7
PRINCETON	MAX MIN	72 52	61 40	66 41	75 34	75 38	75 38	75 40	80 45	81 47	84 50	80 50	84 52	84 51	68 45	69 30	82 35	82 36	80 42	65 42	56 42	59 40	67 32	75 40	78 42	74 52	64 28	66 22	74 36	80 53	73 57	75 57	73.5 42.3
RENFRO VALLEY	MAX MIN	79 56	68 50		66 36	71 33	72 34							81 48	76 46	61 27	74 32	77 35	72 40	64 35	62 36	69 41	75 44	78 45	74 46	62 35	61 28	73 42	70 54	75 61	74 56	71.6 41.1	
RICHMONO	MAX MIN	83 61	73 46	57 44	57 38	67 40	72 42	77 46	78 49	78 45	81 48	80 52	82 45	83 48	52 29	67 43	79 46	83 49	82 51	67 50	57 38	53 44	55 48	73 38	75 44	76 51	57 33	57 22	60 32	67 40	77 50	76 59	70.7 43.8
RUSSELLVILLE	MAX MIN	76 51	62 47	65 46	71 35	73 40	78 40	80 45	78 48	81 47	83 49	79 55	84 53	82 56	64 32	67 38	76 42	79 43	80 45	65 40	58 48	59 44	63 37	71 41	79 45	69 35	65 25	73 35	76 44	81 54	71 60	71 60	73.0 45.2
SCOTTSVILLE	MAX MIN	78 55	64 49	63 46	68 34	73 36	77 48	78 44	80 49	83 48	84 50	85 56	85 54	85 58	73 50	65 30	78 40	81 43	82 46	70 46	50 38	55 47	68 38	75 45	80 44	70 54	63 35	65 26	72 45	81 52	75 60	74 62	73.5 46.0
SHELBYVILLE	MAX MIN	83 60	65 42	62 42	61 37	67 39	71 45	75 47	75 46	78 47	79 48	81 54	80 54	85 57	82 45	58 31	64 33	74 42	79 47	78 48	57 38	52 38	60 40	64 42	70 48	75 48	69 37	55 26	61 30	71 35	78 47	74 60	70.5 43.6
SOMERSET 1 N	MAX MIN	75 61	65 51	56 43	65 31	71 35	74 37	74 38	76 39	78 38	80 46	82 49	82 46	81 52	72 49	61 36	75 39	77 38	78 44	69 35	48 42	55 35											

EVAPORATION AND WIND

KENTUCKY
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Station		Day of month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DEWEY DAM	EVAP	.19	*	*	.15	.08	.06	.12	.10	.07	.07	.14	.05	.09	.12	.11	.07	.08	.08	.09	.05	.03	.02	.07	.04	.07	.01	.00	.18	.02	.06	.06	2.28 B 257
	WIND	2	3	9	4	4	6	6	2	2	2	8	7	2	15	23	15	5	4	5	18	11	17	5	4	9	31	21	4	0	5	-	
DIX DAM	EVAP	.22	.05	.04	.23	.10	.14	.16	.14	.12	.15	.13	.18	.12	.21	.14	.14	.08	.15	.14	.08	*	*	.10	.09	.11	.12	.02	.10	.30	.08	.07	3.71 1333
	WIND	57	66	62	32	27	37	14	17	19	8	12	6	13	71	74	53	19	22	27	106	40	43	69	12	23	93	69	21	83	66	72	
WOLF CREEK DAM	EVAP	.20	.12	.06	.10	.07	.06	.07	.10	.09	.12	.14	.09	.21	.12	.10	.13	.14	.11	.11	.14	.07	.10	.02	.07	.07	.17	.01	.15	.07	.14	.06	3.15 555
	WIND	5	40	42	33	18	14	5	6	7	5	2	12	2	20	44	14	11	7	9	28	41	20	12	14	26	25	24	13	24	20	12	

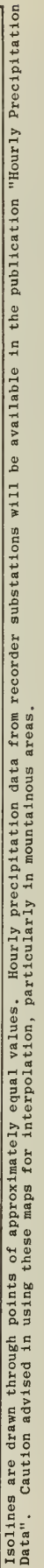
Dix Dam - Evaporation pan is coated with aluminum paint inside and out each year before being place in operation.

SNOWFALL AND SNOW ON GROUND

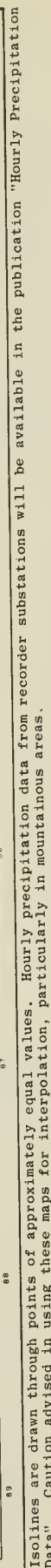
Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BENHAM	SNOWFALL SN ON GND														T							T											
LOUISVILLE WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV														T																		

See Reference Notes Following Station Index

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STATION INDEX

KENTUCKY
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STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER		
							TEMP.	PRECIP.	EVAP.	SPECIAL									TEMP.	PRECIP.	EVAP.	SPECIAL			
ADDISON DAM 45	0031	BRECKENRIDGE	7	37 55	86 34	380	6A	6A			C	CORPS OF ENGINEERS	LLOYD GREENUP DAM	4848	GREENUP	7	38 39	82 52	537	7A				CORPS OF ENGINEERS	
ALBANY 4 N	0063	CLINTON	2	36 45	85 08	1000	7A				C	MRS. BARBARA M. COOL	LOCKPORT LOCK 2	4857	HENRY	4	38 26	84 58	485	6A				CORPS OF ENGINEERS	
ANCHORAGE	0155	JEFFERSON	7	38 16	85 33	700	7P	7P			C	CHARLES G. BARRET	LOG LOCK 1 S	4862	CLARK	4	37 51	84 02	773					HUBERT BURGER	
ASHLAND	0254	BOYD	1	38 27	82 36	555	7A				C	ASHLAND WATER PLANT	LONDON	4893	LAUREL	2	37 08	84 04	1195					KNOXVILLE FERTILIZER CO	
BARDONVILLE	0381	KNOX	2	36 52	83 53	1000	6P	6P			C	UNION COLLEGE	LONDON FFA AP	4898	LAUREL	2	37 05	84 05	1191	MID	MID			H. FED. AVIATION AGENCY	
BARDSTOWN S J PREP SCH	0397	NELSON	8	37 48	85 28	631	5P				H	ST. JOSEPH PREP. SCHOOL	LOUISA 2	4946	LAWRENCE	1	38 07	82 36	585	8A				C	HAROLD C. FERGUSON
BARTER	0450	HARLAN	2	36 51	83 20	1164	7A				C	C. HOMER NOLAN	LOUISVILLE	4949	JEFFERSON	7	38 14	85 46	462	MID	MID			C	LOUISVILLE G. & E. CO.
BEAVER DAM	0490	OHIO	3	37 25	86 52	441	6P	6P			C	E. G. YOUNG	LOUISVILLE BOYMAN FLD	4951	JEFFERSON	7	38 13	85 40	558					C	CORPS OF ENGINEERS
BENHAM	0595	HARLAN	2	36 58	82 57	1585	8A	8A			C	C. C. WHITEAKER	LOUISVILLE WB AP	4954	JEFFERSON	7	38 11	85 46	474	MID	MID			C	U.S. WEATHER BUREAU
BENTON	0611	MARSHALL	9	36 51	88 20	395					C	JAMES M. MILLER	LOUISVILLE UPPER GAGE	4955	JEFFERSON	7	38 17	85 48	403	6A				C	CORPS OF ENGINEERS
BENTON 2	0615	MARSHALL	9	36 51	88 20	305	5P				C	RADIO STATION WCLB	LOVELACEVILLE	4967	BALLARD	6	36 58	88 50	370	5P	5P			C	BLAINE MALONE
BEREA COLLEGE	0619	MADISON	4	37 34	84 18	1070	6P	6P			C	JAMES A. GROSSMAN	LUCAS	5002	BARREN	3	36 53	86 02	738					C	WILLARD E. FOSTER
BEREA WATER WORKS	0624	MADISON	4	37 33	84 15	1010	7A				C	MRS. LAURA B. GABBARD	MADISONVILLE 1 SE	5007	HOPKINS	3	37 19	87 29	439	5P	7A			C	HOMER WELBORN, JR.
BHINE 1 E W	0752	LAWRENCE	1	39 02	82 52	690	8A				C	JOHN LEE BURTIN	MAMMOTH CAVE PARK	5097	EDMONSON	3	37 11	86 05	800	5P	1P			C	NATIONAL PARK SERVICE
BONNIEVILLE	0854	HART	3	37 23	85 54	684	5P	5P			C	WILLIAM L. FERRISS	MANCHESTER 4 SE	5111	CLAY	4	37 06	83 43	850	6P	7A			C	NORA S. WHITE
BOWLING GREEN	0904	WARREN	3	37 00	86 26	536	7A				C	JAMES R. EDWARDS	MARTIN 1 SSW	5171	FLOYD	1	37 33	82 45	658					C	JAMES D. HUGHES
BOWLING GREEN SUBSTA	0907	WARREN	3	37 01	86 26	470	5A				C	TVA-639	MAYFIELD	5230	GRAVES	6	36 44	88 39	364	6P	7A			C	MAYFIELD ELEC. & MTR. CO.
BOWLING GREEN FFA AP	0909	WARREN	3	36 58	86 26	535	MID				H	FED. AVIATION AGENCY	MAYSVILLE DAM 33	5243	WASON	7	38 38	83 42	515	7A				C	CORPS OF ENGINEERS
BRENT DAM 36	0978	CAMPBELL	7	39 03	84 25	497	7A				C	CORPS OF ENGINEERS	MC KEE	5291	JACKSON	2	37 26	84 00	1000	8A				C	MRS. WINNIE W. MORAN
BROWNVILLE	1047	EDMONSON	3	37 12	86 16	557	7A				C	MRS. TEMPLE LOU SMITH	MC KINNEYSBURG	5301	PENDLETON	5	38 36	84 16	662					C	RICHARD T. SYMON
BUCKHORN	1080	PERRY	4	37 21	83 23	936					C	CORPS OF ENGINEERS	META	5370	PIKE	1	37 34	82 27	730					C	MRS. EDITH J. SMITH
BURDINE 2 NE	1120	PIKE	1	37 13	82 35	1463	8A				C	EDWIN E. JOHNSON	MIDDLEBORO	5389	BELL	2	36 50	84 50	928	6P	7A			C	MRS. LILA M. HERRELL
BURKESVILLE	1137	CUMBERLAND	2	36 47	85 22	600	7A				C	MARTIN M. LEE	MIDDLEBORO SEWAGE PL	5394	BELL	2	36 38	83 43	1130					C	CITY OF MIDDLEBORO
CADIZ LOCK E	1208	TRIGG	2	36 46	87 58	384	7A				C	CORPS OF ENGINEERS	MIDWAY	5407	WOODFORD	4	38 09	84 41	-	8A				C	CITY OF MIDWAY
CALHOUN LOCK 2	1227	MC LEAN	3	37 32	87 16	402	7A				C	CORPS OF ENGINEERS	MILLERSBURG	5430	BOURBON	3	37 18	85 09	789					C	CITY WATER WORKS
CAMPBELLVILLE	1256	TAYLOR	3	37 20	85 21	771	6P	6P			H	ALVA MC KINLEY	MILLERSTOWN	5438	GRAYSON	3	37 27	86 03	588	7A				C	HVA M. LAWLER
CANEYVILLE	1294	GRAYSON	6	36 41	89 00	600	7A				C	WOODSON D. FRANKLIN	MONTICELLO	5524	WAYNE	2	36 50	84 50	928	6P	7A			C	ALVIN L. BERTRAM
CARROLLTON LOCK 1	1345	CARROLL	4	38 41	85 11	480	4P				C	CORPS OF ENGINEERS	MONTICELLO STATE COLLEGE	5555	ROWAN	5	38 11	83 26	770					C	PROF. HENRY C. HAGGAN
CECILIA	1408	HARDIN	8	37 40	85 57	734	7A				C	WILLIAM S. VERTREES	MONTICELLO	5640	MONTGOMERY	5	38 04	83 56	930	5P	5P			C	FRED CARTWILL
CLAY CITY 1 WNW	1576	POWELL	4	37 52	83 56	712	7A				C	JOEL W. MOUNTZ	MUNFORDVILLE	5684	HART	3	37 16	85 53	824	7A				C	SHERMAN C. RUCKETT
CLERMONT 1 SSE	1611	BULLITT	8	37 55	85 40	540	5P	5P			C	BERNHHEIM FOUNDATION	MURRAY	5694	CALLOWAY	9	36 36	88 20	622	6P	6P			C	MURRAY STATE COLLEGE
CLINTON	1631	HICKMAN	6	36 41	89 00	390	7A				C	WOODSON D. FRANKLIN	OLIVE HILL 2 WNW	6013	CARTER	12	36 19	83 12	855					C	GEORGE E. DUVAL
COBB	1663	CALDWELL	2	36 59	87 47	490	7A				C	MRS. BENNIE B. WHITE	OLNEY	6020	HOPKINS	7	37 14	87 47	533	8A				C	MELVIE PARLEE NEISZ
COLLEGE HILL LOCK 11	1704	ESTILL	4	37 47	84 06	611	7A				C	CORPS OF ENGINEERS	ONEIDA	6028	CLAY	4	37 18	83 39	750	7A				C	CORPS OF ENGINEERS
CUMBERLAND FALLS ST PK	1855	BOONE	1	37 04	84 40	869	MID				C	U.S. WEATHER BUREAU	ONEIDA DAM 35	6033	CAMPBELL	3	37 58	84 10	512	7A				C	CORPS OF ENGINEERS
CYNTHIANA	1989	HARRISON	5	38 23	84 18	684	7A				C	KY. DEPT. OF CONSV.	OWENSBORO 2 W	6091	DAVIESS	7	37 46	87 09	420	6P	7A			C	H. VIRGIL D. CLARK
CYNTHIANA 2	2003	HARRISON	5	38 23	84 17	719	8A				C	KY. CARDINAL DAIRY	OWENSBORO DAM 46	6096	DAVIESS	7	37 47	87 07	404	6A				C	CORPS OF ENGINEERS
DANVILLE	2040	BOYLE	4	37 39	84 66	955	7A				C	M. R. P. COLDRON	PADUCAH FFA AIRPORT	6110	MC CRACKEN	7	37 04	88 46	398	MID	MID			C	H. FED. AVIATION AGENCY
DAVELLA	2053	MARTIN	1	37 48	82 32	700					C	MRS. EVA M. DAVIS	PADUCAH	6115	MC CRACKEN	7	37 06	88 37	340	5P	5P			C	WESTERN P. LACEY
DELPHIA 1 E	2132	PERRY	4	37 02	83 07	1680	8A				C	THOMAS M. GRAHAM	PADUCAH SEWAGE PLANT	6117	MC CRACKEN	7	37 06	88 36	325					C	CITY OF PADUCAH
DEHA	2139	KNOTT	1	37 25	82 48	890	5P				C	HATTIE B. BARNEY	PAINTSVILLE	6136	JOHNSON	1	37 49	88 62	620	7A				C	JESSE FAIRCHILD
DEWEY DAM	2180	FLOYD	1	37 45	82 47	653	7A	7A			C	CORPS OF ENGINEERS	PARADISE STEAM PLANT	6155	MULLENBURG	9	37 16	86 59	402	7A				C	TVA-764
DIX DAM	2214	MERCER	4	37 48	84 43	870	4P	7A			C	PHILIP D. CRACKER	PIKEVILLE	6353	PIKE	1	37 29	82 31	686	5P	8P			C	U.S. WEATHER BUREAU
DUNDEE 2 SE	2358	MULLENBURG	3	37 33	86 43	891	7A				C	JESSE L. HUFF	PIKEVILLE	6353	PIKE	1	37 29	82 31	686	5P	8P			C	FOLEY PARTIN
DUNMORE	2366	MULLENBURG	3	37 05	87 00	592	7A				C	N. D. GLIVENS	PRINCETON	6575	CALDWELL	2	37 06	87 53	529	5P				C	ALTON M. MARVILL
DYER	2391	BRECKENRIDGE	3	37 43	86 13	793	7A				C	LENA BLAIR	RAVENNA LOCK 12	6679	ESTILL	4	37 40	83 57	634	7A				C	CORPS OF ENGINEERS
EDDYVILLE LOCK F	2445	LYON	2	37 03	88 05	420	7A				C	CORPS OF ENGINEERS	RENFRO VALLEY	6748	ROCK CASTLE	2	37 23	84 20	1060	5P	5P			C	JOHN L. LAIR
EDMONTON	2455	HETCALFE	3	37 00	83 33	668	4P				C	JOHN E. MORAN	RICHMOND	6805	MADISON	4	37 44	84 18	1122	8A				C	THOMAS C. HERNDON
ELIZABETHTOWN	2510	HARLIN	3	37 41	85 52	739	6P				C	RADIO STATION WEL	ROCHESTER LOCK 3	6882	OHIO	3	37 13	86 54	401	7A				C	CORPS OF ENGINEERS
ELKHORN CITY	2528	PIKE	1	37 18	82 21	800	7A				C	EDMOND O. BENNETT	RUSSELLVILLE	7049	LOGAN	3	36 51	86 53	590	6P	7A			C	MRS. GLADYS TALLEY
ELKTON 2 S	2548	TODD	2	36 47	87 10	520	7A				C	S. RICHARD ANDERSON	RUSSELLVILLE SUBSTA	7054	LOGAN	3	36 50	86 54	576	7A				C	TVA-683
FALCOUTH	2775	PENDLETON	5	38 40	84 20	560	6P	7A			C	FRANK M. LAWSON	SADLEVILLE	7074	SCOTT	4	38 23	84 33	791					C	MRS. TRESSIE A. RALSTON
FARMERS	2791	ROWAN	5	38 09	83 37	865	7A				H	MRS. C. C. STAMPER	ST MARY	7076	HARRISON	8	37 35	85 21	743					C	JOHN D. BAUER
FLEMINGSBURG	2903	FLEMING	5	38 25	83 43	858	7A				C	MRS. ALMYRA D. HALL													

71.05
KE

U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

NOVEMBER 1961
Volume 56 No. 11



ASHEVILLE: 1962

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KENTUCKY - NOVEMBER 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 85° on the 4+ at 9 stations

Lowest Temperature: 10° on the 29th at Blaine 1 W and Farmers

Greatest Total Precipitation: 8.33 inches at Lovelaceville

Least Total Precipitation: 1.41 inches at Jeremiah

Greatest One-Day Precipitation: 3.16 inches on the 22nd at Lovelaceville

Greatest Reported Total Snowfall: 2.5 inches at Mc Kee

Greatest Reported Depth of Snow on Ground: 3 inches on the 19th at
Mc Kee

CLIMATOLOGICAL DATA

KENTUCKY
NOVEMBER 1961

Temperature															Precipitation									
Station	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days			
										90° or Above	33° or Below	60° or Below	0° or Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More	
WESTERN																								
BEAVER DAM	56.5	37.2	46.9		82	2	18	30+	546	0	0	13	0	5.97		1.35	16	.0	0		8	5	2	
BENTON 2	59.6M	34.0M	46.8M		82	2	17	30+	551	0	0	12	0	5.30		1.69	3	.0	0		7	3	2	
FORDS FERRY DAM 50	55.4	37.6	46.5		80	2	23	29	556	0	0	12	0	5.20	1.87	1.46	23	.0	0		8	4	1	
GOLDEN POND 8 N	58.6	36.1	47.4		81	2	18	30	534	0	0	14	0	3.28		1.60	3	.0	0		5	2	2	
GREENVILLE 2 W	57.2	37.9	47.6	.8	80	2	19	30	524	0	0	11	0	5.45	2.10	1.45	3	.0	0		7	5	2	
HENDERSON 7 SSW	55.9	37.5	46.7	.1	80	2	21	29	549	0	0	12	0	4.70	1.38	1.34	3	T	0		7	5	1	
HICKMAN 1 E	58.3	37.2	47.8		81	3	20	30+	521	0	0	11	0	7.87		2.81	23	.0	0		7	4	4	
HOPKINSVILLE	56.8	36.3	46.6	.4	79	3	21	30+	553	0	0	14	0	4.64	1.11	1.34	4	.0	0		9	3	1	
LOVELACEVILLE	57.3	37.2	47.3	.1	82	2	18	9	536	0	0	11	0	8.33	5.09	3.16	22	.0	0		8	5	3	
MADISONVILLE 1 SE	56.8	38.0	47.4		80	2	20	30	529	0	0	12	0	5.79		1.07	1	T	0		9	5	2	
MAYFIELD	57.1	38.8	48.0		80	2	22	30	515	0	0	10	0	6.84		2.45	23	.0	0		7	5	2	
MURRAY	56.1M	39.0M			81	3	21	30		0	0	0	0					.0	0					
OWENSBORO 2 W	56.1	38.1	47.1	1.2	82	2	21	30	540	0	0	10	0	4.22	.87	1.17	4	T	0		6	4	1	
PADUCAH FAA AIRPORT	55.6	36.6	46.1		81	2	20	29	568	0	0	13	0	6.74		2.68	22	.0	0		7	3	3	
PADUCAH	57.2	38.8	48.0		81	2	21	30	515	0	0	9	0	7.19	3.47	1.95	22	.0	0		8	4	4	
PARADISE STEAM PLANT	56.8	36.6	46.7		82	3	19	30+	547	0	0	14	0	5.46		1.38	16				8	6	1	
PRINCETON	57.4	36.0	46.7	.2	80	2	18	30+	543	0	0	12	0	4.71	1.25	1.60	3	.0	0		7	3	1	
RUSSELLVILLE	58.2M	38.8M	48.5M	2.9	81	2	18	30	490	0	0	10	0	4.84	1.32	1.30	1	.0	0		8	4	2	
DIVISION			47.2	.3											5.68	2.19	T							
CENTRAL																								
ADDISON DAM 45	50.6	33.4	42.0		78	3	19	29	686	0	0	18	0	4.77	1.63	1.15	16	.0	0		7	5	1	
ANCHORAGE	54.6	34.8	44.7	.3	83	2	16	29	611	0	0	14	0	4.39	1.26	1.17	23	.5	0		6	4	2	
BARDSTOWN S J PREP SCH	57.1	36.0	46.6		85	2	14	29	553	0	0	14	0	3.59		.95	23	T	0		6	4	0	
BONNIEVILLE	56.4	35.5	46.0		81	2	12	29	571	0	0	14	0	3.39		.85	3	.0	0		7	4	0	
BOWLING GREEN FAA AP	56.6	38.4	47.5	.2	81	2	20	29	527	0	0	11	0	2.92	.55	.76	3	T	0		7	2	0	
CAMPBELLSVILLE	57.6	38.4	48.0		83	2	16	29	511	0	0	12	0	3.20		.91	23	.5	0		9	3	0	
CECILIA	54.8	36.0	45.4	.4	81	3	15	30+	589	0	0	15	0	4.29	1.01	1.04	16	.0	0		8	4	0	
CLERMONT 1 SSE	58.2	36.1	47.2		85	2	14	29	533	0	0	13	0	3.70		.96	13	.0	0		6	4	0	
GLASGOW WKAY	57.4	38.1	47.8		83	2	17	29	521	0	0	14	0	4.71		.98	3	1.0	0		8	5	0	
GREENSBURG	58.2	36.0	47.1	1.3	84	3	15	30	537	0	0	16	0	3.53	.15	.84	4	T	T	19		8	2	0
IRVINGTON	55.7	36.8	46.3	.2	82	2	18	29	561	0	0	14	0	4.85	1.74	1.65	16	T	0		6	4	2	
LEITCHFIELD	55.7	37.6	46.7	.1	82	2	20	29	550	0	0	10	0	4.37	.79	1.77	16	T	T	19		7	3	1
LOUISVILLE	55.9	38.3	47.1		84	2	20	29	538	0	0	9	0	3.67		1.07	16	T	0		7	4	1	
LOUISVILLE WB AP	53.8	36.6	45.2	.5	81	2	19	29	593	0	0	13	0	4.23	1.11	.86	13	.9	T	19		8	5	0
MAMMOTH CAVE PARK	57.4	38.1	47.8		83	2	13	29	520	0	0	13	0	3.71		.86	16	.5	0		6	4	0	
SCOTTSVILLE	58.6	39.0	48.8		82	2	16	29	490	0	0	12	0	5.67		1.35	1	1.0	0		8	5	3	
SUMMER SHADE	57.9	36.8	47.4		83	2	15	29	530	0	0	16	0	5.54		1.34	1	.5	0		8	4	2	
WOLF CREEK DAM	59.0	35.8	47.4		83	3	15	30+	532	0	0	15	0	5.73		1.26	1				12	4	1	
DIVISION			46.6	.6											4.24	.88	.3							
BLUE GRASS																								
BEREA COLLEGE	59.6	36.2	47.9	1.5	82	2	13	29	513	0	0	15	0	D 2.81	-.47	.60	16+	1.1	0		10	2	0	
CARROLLTON LOCK 1	56.5	36.4	46.5		82	2	17	29	559	0	0	13	0	3.42	.46	1.08	23	.5	1	19		6	3	1
COVINGTON WB AIRPORT	52.8	35.5	44.2	.8	80	2	19	29	622	0	1	14	0	3.36	.33	1.16	23	.9	1	19		6	3	1
CYNTHIANA 2	55.7	33.4	44.6		83	3	12	30+	615	0	0	15	0	D 3.67		.73	14	1.0	1	19		8	3	0
DANVILLE	55.8	36.4	46.1		81	3	15	30+	564	0	0	15	0	3.42	.20	.66	14	2.0	2	19		9	3	0
DIX DAM	57.7	38.9	48.3		81	3+	17	29	500	0	0	12	0	3.11		.68	13	2.0	2	19		7	3	0
FALMOUTH	56.8	34.9	45.9		82	2	14	29	574	0	0	14	0	3.02	-.28	.59	4	T	T	19		7	1	0
FLEMINGSBURG 2	54.4	36.1	45.3		80	3+	12	29	591	0	0	13	0	1.85		.51	23				5	1	0	
FRANKFORT LOCK 4	56.1	34.2	45.2	.6	82	3	15	30+	590	0	0	15	0	3.93	.68	1.23	14	T	T	19		7	4	1
LEXINGTON WB AIRPORT	53.9	36.7	45.3	.5	81	2	16	29	588	0	0	14	0	3.04	-.11	.87	23	1.2	1	19		6	3	0
MAYSVILLE DAM 33	55.8	34.0	44.9	.0	83	3	15	30+	601	0	0	17	0	3.07	.05	.80	14	.3	T	20+		7	3	0
MOUNT STERLING	56.9	36.3	46.6		80	3+	14	29	550	0	0	13	0	D 3.37	.37	1.00	16	1.9	2	20+		7	3	1
RICHMOND	55.2	35.8	45.5		81	3	13	30+	585	0	0	15	0	3.83		.64	24	2.0	2	19		10	3	0
SHELBYVILLE	54.4	34.6	44.5	.6	82	3	15	29	616	0	0	15	0	3.51	.00	.87	14	.5	1	19		6	4	0
WARSAW MARKLAND DAM	54.6	34.9	44.8	.3	83	2	16	29	605	0	0	13	0	3.26	.34	1.02	23	.7	0		6	3	1	
WILLIAMSTOWN 5 WSW			43.4	1.7	81	3	15	30	648	0	0	17	0	4.41	1.27	.80	23	1.7	2	19	10	4	0	
DIVISION			45.6	.1											3.32	.14	1.1							
EASTERN																								
ASHLAND	56.5	33.8	45.2	1.4	85	4	15	30	590	0	0	17	0	2.31	-.42	.83	24	T	0		7	1	0	
BARBOURVILLE	60.1M	38.1M	49.1M		81	2	14	30+	480	0	0	13	0	2.69		.83	24		0		8	2	0	
BAXTER	58.5	37.7	48.1		79	4+	17	30+	505	0	0	14	0	3.33		.80	24	T	T	19		9	2	0
BENHAM	59.7M	39.5M	49.6M		80	3	15	30	459	0	0	13	0	2.89		.52	24	T	0		8	1	0	
BLAINE 1 W	57.3	31.9	44.6		85	4	10	29	607	0	0	18	0	2.42		.80	24	1.0	1	19		8	1	0
DEWEY DAM	57.8	36.2	47.0		84	4	14	29	537	0	0	14	0	2.51		.85	24	1.0	1	19		8	1	0
FARMERS	57.7	34.9	46.3	1.3	84	2	10	29	560	0	0	14	0	2.99	-.18	.77	24	.5	1	19		9	1	0
GRAYSON 1 SE	55.4M	32.9M	44.2M		83	4	13	30	619	0	0	17	0	2.51		.80	24	.0	0		9	1	0	
HEIDELBERG LOCK 14	61.0	36.3	48.7		85	3	13	30+	494	0	0	15	0	2.35	-.95	.80	24	1.0	1	19		8	1	0
HINDMAN	58.4M	34.2M	46.3M		85	3	12	29+	577	0	0	16	0			.0	0							
HYDEN	60.1	36.0	48.1		85	4	15	30	512	0	0	14	0	2.32		.74	24	.5	1	19		4	2	0
INEZ																								

CLIMATOLOGICAL DATA

KENTUCKY
NOVEMBER 1961

CONTINUED

CONTINUED

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	10 or More	50 or More	1.00 or More
										90° or Above	32° or Below	32° or Below	0° or Below										
MIDDLESBORO	60.9	39.6	50.3		82	2	15	30+	449	0	0	12	0	4.45		1.29	1	T	0		10	3	1
MONTICELLO	58.6	38.9	48.8		80	2	15	29	490	0	0	13	0	3.98	-	1.05	1	2.0	0		10	3	1
PIKEVILLE	60.2	39.7	50.0		85	2	18	29	455	0	0	11	0	2.51	.07	.56	23	2.2	0		9	1	0
RENFRO VALLEY	59.2	34.4	46.8		81	2	11	29+	544	0	0	14	0	2.63		.60	23	.0	0		10	2	0
SOMERSET 1 N	57.3	38.0	47.7		80	2	12	29	519	0	0	12	0	2.96		.82	23	1.5	2	19	8	1	0
STEARNS	57.3	37.9	47.6		81	3	16	30+	517	0	0	13	0	3.94	-	1.08	1		0		10	3	1
VANCEBURG DAM 32	56.4	36.3	46.4		85	3	14	29	559	0	0	13	0	2.56	.44	.72	24	T	0		8	1	0
WEST LIBERTY	59.2	31.8	45.5		84	4+	11	29	579	0	0	17	0	2.04		.70	24	T	0		6	1	0
WILLIAMSBURG 2	61.4	38.0	49.7	2.9	83	3	17	30+	463	0	0	14	0	3.61	.39	.94	1	T	19	10	3	0	
DIVISION			47.5	1.4										2.80	.36			.5					

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	.01-.09	.10-.49	50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	SSE	11	9.5	46++	WSW	16	78	82	60	64	5	9	3	2	1	0	20	-	7.8
LEXINGTON WB AIRPORT	S	16	9.8	31++	SW	16+	83	88	65	72	7	3	3	3	0	0	16	-	7.1
LOUISVILLE WB AIRPORT	SE	12	7.8	34	S	3	80	84	67	67	5	2	3	5	0	0	15	37	7.2

See Reference Notes Following Station Index

DAILY PRECIPITATION

KENTUCKY
NOVEMBER 1961

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADDISON DAM 45	4.77	.16		.24	.78	.19	.21							.54	.84	.04	1.15			.03				.96								
ALBANY 4 M	4.81	1.28			.76									.38	.32		.57			.22	.05			.21	.62							
ANCHORAGE	4.39	.02		.85	.01									.76	.20	.05	1.14			.11	T			.02	1.17	T						
ASHLAND	2.31	T	.02		.24	.36	.16	T						.06	T	.23	.01	.18	.13				.07									
BARBOURVILLE	2.69	.28			.50	.13								.10	.02	.16				.39	.06											
BARSTOWN 5 J PREP SCH	3.59	.04		.77	.12	.05								.01	.07	.65	.03	.03	.69				.12	T		.95						
BAXTER	3.33	.72			.19	.02	.30							.03	T	.39	.05	.17	.12				.30	.15		.02	.80					
BEAVER DAM	5.97	.97		1.24										.18	.85	.16	.05	1.35						.22	.95							
BENHAM	2.89	.42			.29	.03	.30	T						.05	.03	.30		.27					.30	T		.02	.36	.52				
BENTON 2	5.30	.30		1.69										.35	.47		.36							1.48	.63	.02	T					
BEREA COLLEGE	02.81	.10		.30	.60	.10								.40		.20	T		.60				.01			.20	.20					
BEREA WATER WORKS	3.63	.10			.61	.26	.09							.06	.18	.42	.02	.34	.47				.19	.07		.07	.73					
BLAINE 1 W	2.42		.17		.28	.29	.21	T						.08	T	.10	T	.24	.05				.13				.80					
BONNIEVILLE	3.39	.20	.02	.85	T	.02								.13	.61	T		.73					.15			.68	.50					
BOWLING GREEN	4.47	1.10			1.00									T	.08	.20	.35	T	.75					.07		.32	.50					
BOWLING GREEN SUBSTA	4.20	1.26		.05	.33	T								T	.20	.32	.08		.87				.14			.03	.41	.51				
BOWLING GREEN FAA AP	2.92	T		.76	T									.01	.11	.46	T	.18	.47				.02		.21	.60						
BRENT DAM 36	3.53		.04		.63									.03	.14	.25	.22	.02	.90				.12		.16	.03						
BROWNSVILLE	4.30	.98			.82									.04		.09	.28	.01	.51	.20	.06				.04							
BURDINE 2 NE	2.73	.53			.28		.20									.22				T			.8	*								
BURKESVILLE	6.19	1.67	T		.72	.24	.65							T	T	.42	.74	T	.47	T			.20	.05		.20	.83	T	T			
CADIZ LOCK 2	5.54	.03		.44	1.19									T	.15	.42	.30	T	1.36						.30	1.26	.09					
CALHOUN LOCK 2	5.71	1.58			.34	1.09								T	T	.32	.80	T	.77				.03			.04	.58	.16				
CAMPBELLSVILLE	3.20	.11		.66	.11	.10	.02							T	T	.70	.10	T	.32				.15	T		.91	T					
CANEYVILLE	4.82	.59	.02	.15	.76									.02	.04	.35	.32	T	1.56				.06			.05	.63	.21				
CARROLLTON LOCK 1	3.42	T		.06	.73											.15	.34	.02	.65				.02	.08		1.08	.22					
CECILIA	4.29	.69	.12		.84									.03	.42	.29	T	.10								.54	.31					
CLAY CITY 1 NWW	03.49	.04	.05		.45	.18	.21							.05	.18	.40		.44	.54				D.20	.08								
CLERMONT 1 SSE	3.70	.02		.62	.18											.96	.08	T	.79	T						.94	T					
COBB	6.06	.17		.54	1.15									.05	.89	.22		1.44								.36	1.09	.15				
COLLEGE HILL LOCK 11	3.70	.06	.07		.55	.24	.31							T	.10	.43	.46	T	.41	.27			.07	.06	T							
COVINGTON WB AIRPORT	3.36	.02		.65	T									T	.08	.18	.19	.05	.76				.09	T		.18	1.16					
CUMBERLAND FALLS ST PK	3.50	.37			.62	.20	.20									.10	.40	.34		.39						.65	.23					
CYNTHIANA	3.60	T	.08		.43	.08								.10	.13	.23	.83	.01	.41	.22			.02	.05	T		.46	.63				
CYNTHIANA 2	03.67	.08	.07		.41	.02	.05							.10	.26	.73	.03	.49					.010			.63	.62	.03				
DAWVILLE	3.42	.04	.02		.58	.08	.10							.04	.47	.66		.42	.12				.15	.02		.10	.62					
DELPHIA 1 E	2.93	.60	.03		.35	.02	.22							.02	.18	.07		.07	.06				.29	.10		.74						
DEWEY DAM	2.51	.03	.10		.23	.13	.33							.03	.02	.08	T	.17	.06				.09	.22		.85						
DIX DAM	3.11	.07	.02		.54	.04	.03							.02	.68	.34		.36					.19	.04		.16	.60					
DUNOE 4 ESE	5.39	.32		.40	.68										.75	.53		1.47					T			.06	.93	.25				
DUNMORE	5.40	1.25			.74										.36	.42	.02	1.72					.07			.15	.50	.10				
EDDYVILLE LOCK F	5.06	.18		.40	1.00									.08	.45	.60		.75								.38	1.12	.10				
EDMONTON	4.45	.85			.88	.18	.22								.48	.35		.30							.25	.18	.76					
ELKHORN CITY	2.89	.52			.27		.06									.24									.12	.32						
ELKTON 2 S	5.00	.11		.28	.90	T								.06	.77	.30	T	1.60	T				.05			.15	.38	.40				
FALMOUTH	3.02	.04	.08		.59									T	.14	.18	.06	.07	.45	.34				.05	.04	T		.49	.46			
FARMERS	2.99	T	.29		.30	.24	.12							.03	.17	.14	.36	.03	.44	.42	T				.04	.09		.04	.55			
FLEMINGSBURG	2.89	.02	.11		.33	.06	.15								.37	.03		.43							.03	.07		.51				
FLEMINGSBURG 2	1.85	T			.25	.10								T	.07	.13	.78	T	.40	.25						.08	T		.04	.60		
FORO LOCK 10	3.13	T	T		.45	.10	.23																									
FORDS FERRY OAN 50	5.20	.75	T	.37	.98									T	T	.35	.13		.96							.10	1.46	.05				
FRANKFORT LOCK 4	3.93	T			.64		T							.04	.21	1.23	T	.73	.12				.04	.03			.39	.50				
FRANKLIN 1 E	3.62	.75			.19									T	.25	.35		.71	T							T	.32	.35				
FREESBURG 2 SW	2.66	.07	.02		.84	.04	.14							.03	.02	.12	.11	.24	.02						.02	.40		.12	.25			
FRENCHBURG	3.38	.03	.10		.31	.30	.46							.09	.10	.43	.01	.23	.23							.11	.13		.78			
GAMALIEL 1 S	7.17																															

DAILY PRECIPITATION

KENTUCKY
NOVEMBER 1961

Continued

Station		Total	Day of Month																															
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
OWENSBORO DAM #6	4.44	.12	T	.22	1.27							T	.01	T	.23	.74	T	.98			.04		.01	.03	.70	.10								
PADUCAH FAA AIRPORT	6.74		.24	1.59									.04	.20	.42	.03	1.18	.02						2.68	.31									
PADUCAH	7.19	.31		1.70											.26	.31	.35	1.31						1.95	1.00									
PAINTSVILLE	2.16	.20	.12		T	.30	.16							.03	.12	.07	.10	.04		.07	.13				.79				.03					
PARADISE STEAM PLANT	5.46	.92		.34	.80									.01	.50	.62		1.38				.01		.10	.70	.08								
PIKEVILLE	2.51	.22			.24	.19	.02						T	.03	.13	.31		.11			.31				.56	.35			.04	T				
PINEVILLE	3.09	.46	.03		.30	.08	.08	T						.02	.30	.07	.29	.02		.29	.13				.04	.91			.02	.05				
PRINCETON	4.71	.40		1.60								T	.09	.38	.40	.03	.56						.35	.90										
RAVENNA LOCK 12	3.27	.14			.50	.40	.14						.06	T	.56		.21	.23	T		.14		T	.90										
RENFRO VALLEY	2.63	.22			.11	.10	.22								.56		.12				.30	.10		.60	.22			.08						
RICHMOND	3.83	.08	.02		.52	.39	.15						.06	.25	.59	T	.44	.35		.15	.05			.12	.64			.02	T					
ROCHESTER LOCK 3	4.80	.84	.03	.31	.74							T	.04	.25	.28		1.46			.05			.05	.60	.09			.06						
RUSSELLVILLE	4.84	1.30	.22	.70											.65	.23		1.17						.44	.10			.03						
RUSSELLVILLE SUBSTA	5.57	1.66		.40	.46	T									.70	.26	T	1.15			.09	.03		.60	.20			.05						
SALVISA LOCK 6	3.39	.03	.03	T	.66	.03	.02						.03	.18	.74	T	.47	.05		.18	.03			.31	.63									
SALYERSVILLE 2 SE	2.10	.05	.09		.24	.19	.19						.03		.10		.17	.02		.12	.07				.71			.12						
SCOTTSVILLE	5.67	1.35	.92		.30								.05	1.15	.10		.54			.21				1.05				.02						
SCOTTSVILLE 2 SW	4.51	1.32			.80	.12	.06								.62	.15	T	.35		.15				.20	.89	.02								
SEBREE																																		
SHAWNEE STEAM PLANT	7.98	.52	T	.64	1.23							T	.04	.17	.54	T	2.02	T						.30	2.39	.13								
SHELBYVILLE	3.51	T	T		.76	T	.02						.01	.16	.87	.01	.71	T		.06	.02			.56	.33									
SHEPHERDSVILLE	04.45	.01			.70								.01	.94	.62	.02	1.03			.05	0.10		.09	.75	.33									
SOMERSET 1 N	2.96	.19		.32	.25	.23						.03		.36	T	.41			.23					.82	.07			.05						
SPRINGFIELD	3.10	.15		.74											.50	.45	T	.62			.09	T		.05	.50									
STEARNS	3.94	1.08		.63	.23	T							.10		.22		.18	.24		.30				.34	.62									
SUMMER SHADE	5.54	1.34		.88		.46	.01					T	.03	.99	.11		.42			.23				1.03				.04						
SUMMER SHADE SUBSTA	5.70	1.30	.02		.87	.25	.29						.01	.72	.38	.10	.34	.08		.20	.02	T		.24	.86			.02	T					
TAYLORSVILLE	3.99	.02	.10		.84	T									.40	.92	.04	.64		.15				.12	.76									
TURKEY CREEK SCHOOL	5.46	.03		.83	1.00							T	.02	.45	.40	.01	1.08			.01			.30	1.26	.07									
TYRONE LOCK 5	4.11	.03	.22		.62		.05							.08	.60	.84	.03	.49	.20		.10	.02			.30	.53								
UNIONTOWN DAM 49	6.04	.40		.43	.93								.01	.47	1.04		1.16			T			.12	1.42	.06									
VALLEY VIEW LOCK 9	3.31	.05	.03		.59	.05	.08						.06	.23	.97	T	.44	T		.13	.07		T	.03	.58									
VANBUREN	04.20	.05	.20		.78									.32	.67		.45	.56		.10				.45	.51									
VANCEBURG DAM 32	2.56		.26		.18	.05	.14	T	T					.02	.35	.04	.34	.30		.04	.10			.72										
WARSAW MARKLAND DAM	3.26	T	.03		.71										.14	.32	T	.55	.09					1.02	.25									
WAYNESBURG 7 NE	3.85	.11			.49	.15	.22						.07	.19	.33	T	.79	.23		.27	.07		T	.14	.79									
WEST LIBERTY	2.04	.01	.16		.26	.38	.09							.14			T	.09	.08		T	.13			.70									
WILLIAMSBURG 2	3.61	.94			.59	.09	.01							.15		.30	.12	.15		.16	.12			.30	.55									
WILLIAMSTOWN 5 WSW	4.41	T			.66	.03							.09	.12	.72	.04	.78	.24		.15	.02	T		.80	.42			.04	.02					
WILLOW LOCK 13	2.79	.06	.03		.35	.44	.12						.09	.06	.37		.12	.19		.10	.11			.02	.73									
WOLF CREEK DAM	5.73	1.26			.64	.17	.46						.05	.36	.75	.25	.32	.25		.17	.10			.08	.85									
WOODBURY LOCK 4	4.64	1.05		.05	.85							T	.06	.24	.28		1.45			.04	T		.05	.32	.20									

See reference notes following Station Index.

DAILY TEMPERATURES

KENTUCKY
NOVEMBER 1961

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADDISON DAM 45	MAX	68	65	78	53	54	50	41	42	40	48	60	58	58	58	54	58	56	42	40	34	36	42	47	45	52	60	56	50	33	39	50.6	
	MIN	50	52	52	26	28	34	25	25	20	25	30	40	48	52	48	50	36	26	28	23	26	36	28	27	28	50	23	19	21	33.4		
ANCHORAGE	MAX	65	83	77	46	54	46	51	45	52	62	60	70	61	60	62	66	47	45	37	38	45	52	51	53	63	60	57	37	42	51	54.6	
	MIN	47	58	42	28	41	36	23	23	20	26	38	50	53	52	50	47	34	26	31	33	23	30	44	29	29	39	37	19	16	19	34.8	
ASHLAND	MAX	69	64	81	85	55	56	51	55	45	50	53	70	68	59	67	67	69	46	47	38	39	46	56	57	49	59	62	53	39	39	56.5	
	MIN	41	41	51	42	40	42	29	26	21	21	26	32	46	50	53	54	43	24	24	31	26	23	32	41	27	28	38	31	16	15	33.8	
BARBURVILLE	MAX	69	81	80	75	67	57	57	55	52	64	66	71	65	67	73	72	68	44	44	38	47	49		58	66	65		42	38	54	60.1	
	MIN	58	50	68	52	57	46	40	26	18	22	33	45	45	53	55	57	41	32	30	33	31	24		40	24	30		30	14	14	38.1	
BARDSTOWN S J PREP SCH	MAX	69	85	77	50	51	48	53	50	52	66	65	69	64	68	64	68	53	45	42	39	47	55	55	56	64	62	59	40	43	54	57.1	
	MIN	55	58	48	34	43	37	23	23	18	27	39	48	52	55	51	51	40	27	30	32	23	28	43	31	28	43	38	22	14	18	36.0	
BAXTER	MAX	74	67	79	79	65	66	54	60	48	51	61	63	67	68	64	73	70	45	47	40	38	50	59	55	55	66	58	53	40	41	58.5	
	MIN	58	54	55	55	56	51	45	28	21	21	23	30	46	47	56	57	42	32	32	34	33	26	30	41	27	27	38	31	17	17	37.7	
BEAVER DAM	MAX	71	82	79	47	52	48	51	47	55	68	60	63	63	62	63	69	50	46	42	39	47	55	54	56	65	62	61	42	43	53	56.5	
	MIN	57	62	42	30	42	36	25	25	19	33	45	51	53	53	53	49	40	31	33	27	22	31	48	30	30	47	41	24	18	18	37.2	
BENHAM	MAX	73	78	80	75	70	61	60	51	51	53	66	67	69	73	70	69	60	45	45	41	49	55	56	55	60	55			40	45	59.7	
	MIN	58	55	65	54	60	48	43	28	19	23	30	49	49	58	56	56	40	33	30	32	31	25	40	40	24			29	17	15	39.5	
BENTON 2	MAX	78	82	78	46	56		55		56	71		66	65		65	70			50	43	50	47	55	60	67	64	64	42	45	56	59.6	
	MIN	46		40	25	42			22	17		34	37	44		50	47			31	39	29	37	45	26	27	34	40	26	26	17	34.0	
BEREA COLLEGE	MAX	79	82	80	64	59	56	55	55	53	54	70	71	72	73	70	72	64	46	42	45	47	51	54	46	59	61	57	47	49	54	59.6	
	MIN	54	56	40	41	47	42	31	27	22	24	35	54	55	56	50	52	40	28	30	32	24	30	38	29	30	42	27	15	13	21	36.2	
BLAINE 1 W	MAX	70	69	83	85	56	58	51	56	44	50	60	70	70	60	69	70	71	46	44	38	38	45	58	53	52	60	61	53	40	40	57.3	
	MIN	45	47	49	46	46	44	28	22	16	20	21	25	41	45	52	54	41	24	25	30	28	19	24	40	21	21	31	28	10	13	31.9	
BONNIEVILLE	MAX	69	81	77	50	52	50	52	45	52	65	62	65	62	66	69	69	52	44	40	39	40	56	54	54	63	64	60	49	40	52	56.4	
	MIN	57	62	44	36	46	39	22	21	16	30	35	47	50	51	53	51	37	25	31	30	25	25	47	29	26	42	40	21	12	14	35.5	
BOWLING GREEN FAA AP	MAX	72	81	74	51	52	47	56	46	52	65	60	62	66	66	70	69	45	45	40	39	46	57	54	61	67	61	55	40	43	55	56.6	
	MIN	60	65	41	40	45	36	29	29	24	34	46	50	55	55	56	44	32	32	33	29	24	35	44	33	30	49	35	26	20	21	38.4	
CAMPBELLSVILLE	MAX	68	83	78	53	52	51	53	52	51	65	63	67	65	63	71	70	51	47	40	38	49	57	55	58	65	62	60	42	43	55	57.6	
	MIN	56	62	51	38	47	39	27	26	22	30	40	51	55	57	54	48	41	29	31	33	26	31	48	33	29	45	40	27	16	19	38.4	
CARROLLTON LOCK 1	MAX	66	82	81	59	56	53	52	51	53	60	60	69	68	62	60	67	53	45	41	40	44	51	53	51	62	62	60	39	43	51	56.5	
	MIN	45	56	56	30	42	38	26	27	21	26	34	53	52	55	49	53	41	24	31	33	24	29	44	34	28	43	38	22	17	21	36.4	
CECILIA	MAX	76	68	81	68	48	52	45	50	44	51	63	65	66	61	67	65	61	44	43	36	41	42	54	51	52	62	60	52	35	40	54.8	
	MIN	55	60	64	33	36	38	24	25	19	19	30	43	52	55	52	54	40	28	31	32	26	29	40	30	27	35	52	21	15	15	36.0	
CLERMONT 1 SSE	MAX	68	85	79	52	52	55	55	51	55	67	63	70	67	64	62	68	57	48	44	40	48	54	55	55	68	62	60	40	45	56	58.2	
	MIN	55	50	50	34	44	38	24	25	20	28	37	48	51	54	52	54	41	27	32	38	23	26	45	29	27	40	40	19	14	17	36.1	
COVINGTON WB AIRPORT	MAX	62	80	73	51	55	47	50	39	52	56	64	68	62	61	59	64	44	41	36	36	42	53	48	49	58	58	55	30	41	50	52.8	
	MIN	44	56	36	30	41	34	27	28	23	30	40	52	54	48	48	42	34	26	30	31	25	32	42	35	35	46	29	21	19	23	35.5	
CYNTHIANA 2	MAX	68	67	83	81	55	53	46	53	44	51	62	62	70	60	64	50	63	45	45	35	38	45	54	53	54	61	58	50	37	46	55.7	
	MIN	40	44	62	36	37	42	21	23	17	21	28	41	50	57	50	51	40	25	29	32	20	21	38	36	24	24	48	20	12	12	33.4	
DANVILLE	MAX	70	67	81	77	52	50	50	55	45	52	63	63	70	59	65	70	61	44	46	35	37	46	56	53	53	64	60	52	38	40	55.8	
	MIN	56	56	60	38	38	41	27	27	22	24	32	41	51	54	52	52	41	30	30	31	26	25	37	36	30	30	48	27	15	15	36.4	
DEWEY DAM	MAX	72	66	83	84	56	58	52	59	48	51	65	69	69	65	67	71	74	44	46	39	37	44	56	56	50	62	61	52	40	38	57.8	
	MIN	58	52	52	51	51	47	37	28	21	21	28	35	43	46	54	54	44	27	27	34	27	24	27	43	28	29	37	22	14	16	36.2	
DIX DAM	MAX	75	81	81	57	55	50	52	52	51	61	61	69	68	65	69	68	62	46	31	33	25	31	47	35	30	45	42	27	17	22	57.7	
	MIN	53	61	51	37	48	41	27	29	24	32	40	52	54	57	53	51	41	30	31	33	25	31	47	35	30	45	42	27	17	22	38.9	
FALMOUTH	MAX	67																															

DAILY TEMPERATURES

KENTUCKY
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Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
INEZ	MAX MIN																																
IRVINGTON	MAX MIN	67 55	82 61	77 43	47 29	54 42	49 38	51 23	45 28	54 21	66 34	61 41	69 50	63 53	62 54	60 50	67 50	50 37	45 28	39 32	39 32	46 25	53 30	53 42	53 30	65 30	60 48	59 39	40 20	43 18	53 20	55.7 36.8	
JACKSON	MAX MIN	73 56	66 52	81 53	82 50	59 49	58 48	54 35	54 28	46 20	47 20	59 26	64 33	67 44	61 47	67 56	73 57	70 43	46 30	44 30	37 30	39 27	43 24	55 30	54 27	59 21	63 34	52 32	40 15	37 14	56.7 35.8		
LEITCHFIELD	MAX MIN	69 55	82 61	76 40	49 33	52 42	47 36	52 24	45 29	54 22	67 35	59 47	65 48	62 52	66 55	64 52	67 42	51 36	43 30	37 31	38 28	45 26	55 34	56 46	65 33	60 33	60 49	58 38	40 23	42 20	52 23	55.7 37.6	
LEXINGTON WB AIRPORT	MAX MIN	64 50	81 59	76 42	54 37	51 47	47 34	51 27	42 28	49 22	60 32	61 42	68 51	59 32	63 42	67 51	65 44	44 35	42 28	35 31	36 32	43 27	51 34	53 46	51 36	60 31	59 46	55 31	38 20	40 16	51 24	53.9 36.7	
LONDON FAA AIRPORT	MAX MIN	68 58	81 58	79 51	62 48	59 49	52 43	56 29	43 24	50 18	62 25	63 34	70 50	65 53	64 56	74 57	69 47	47 39	44 31	38 31	37 33	46 28	51 25	54 45	52 30	64 26	59 34	55 26	40 21	39 15	53 23	56.5 37.1	
LOUISVILLE	MAX MIN	68 56	84 60	77 38	48 34	55 42	50 37	53 31	46 32	55 28	66 37	61 44	71 53	62 56	63 51	63 51	68 44	47 36	46 30	31 31	40 34	46 30	50 34	52 44	57 36	64 34	61 44	58 33	35 26	42 20	51 23	55.9 38.3	
LOUISVILLE WB AP	MAX MIN	65 54	81 58	76 40	46 32	52 43	47 35	50 26	45 28	51 25	57 31	59 39	68 49	60 54	61 52	62 52	67 45	45 35	44 29	37 33	38 30	44 28	51 31	51 45	52 38	61 31	60 41	58 31	35 24	41 19	49 21	53.8 36.6	
LOVELACEVILLE	MAX MIN	78 60	82 63	77 38	44 27	55 39	49 34	55 21	50 25	58 18	72 36	65 47	60 53	65 51	60 49	64 49	61 47	50 39	47 31	44 35	41 35	51 29	47 37	51 44	61 30	65 44	65 40	61 28	40 20	55 20	57.3 37.2		
MADISONVILLE 1 SE	MAX MIN	74 58	80 63	77 40	48 28	52 42	48 35	52 24	48 29	56 25	69 41	62 46	61 52	64 52	62 52	65 49	50 40	45 31	43 35	42 29	47 22	54 32	55 42	59 34	66 31	63 46	61 41	42 25	44 21	48 20	56.8 38.0		
MAMMOTH CAVE PARK	MAX MIN	70 57	83 64	79 45	59 37	50 45	49 35	54 25	47 29	52 22	65 42	62 44	64 48	63 55	64 57	69 54	67 50	51 40	41 29	38 32	47 28	62 30	56 42	56 30	66 30	63 49	60 42	42 23	43 13	55 17	57.4 38.1		
MANCHESTER 4 SE	MAX MIN	71 58	83 50	80 59	66 50	64 56	57 48	60 39	53 24	53 18	63 21	67 30	76 47	73 44	65 54	76 56	73 58	65 46	43 32	39 34	49 32	53 23	56 35	55 42	69 24	62 30	60 48	48 31	42 14	58 18	60.3 38.1		
MAYFIELD	MAX MIN	76 62	80 66	78 39	45 30	55 41	50 35	55 26	49 28	55 24	70 40	62 47	58 46	64 52	62 50	65 50	65 48	47 32	45 36	44 30	49 28	46 36	51 39	61 41	62 30	66 36	65 49	60 39	42 27	45 25	55 22	57.1 38.8	
MAYSVILLE DAM 33	MAX MIN	69 43	65 42	83 60	82 37	54 37	55 43	47 29	54 26	42 22	52 23	60 25	65 30	69 50	62 53	66 50	65 43	45 26	43 25	35 25	38 25	44 25	56 32	52 41	53 27	63 27	62 39	52 27	38 15	42 15	55.8 34.0		
MIDDLESBORO	MAX MIN	72 61	82 52	81 65	77 52	67 60	61 49	60 44	52 27	56 19	66 22	65 32	71 47	68 45	64 54	76 56	70 61	65 42	49 32	46 34	49 32	50 26	56 38	55 42	67 24	56 31	56 46	49 24	42 15	57 15	60.9 39.6		
MONTICELLO	MAX MIN	73 59	80 62	77 55	67 45	60 52	52 44	56 29	46 25	52 20	65 27	63 37	73 51	64 58	70 57	74 54	70 66	55 41	46 29	40 32	38 28	48 34	53 26	59 43	52 34	65 26	67 49	57 41	40 29	56 15	58.6 38.9		
MOUNT STERLING	MAX MIN	73 47	80 55	80 55	58 36	54 48	51 40	53 27	48 27	51 20	61 29	61 36	68 48	67 52	67 54	46 48	66 47	46 40	46 26	43 29	36 31	46 24	55 28	54 43	46 36	61 28	59 42	58 35	38 25	40 14	52 18	56.9 36.3	
MURRAY	MAX MIN										70 40	59 50	63 53	64 53	67 54	70 56	56 41	50 32	42 26	42 33	43 26	49 37	52 39	50 32	68 33	68 46	65 48	51 26	42 24	44 21		39.0	
OWENSBORO 2 W	MAX MIN	70 57	82 64	76 36	45 29	53 40	50 34	53 24	46 31	56 22	68 36	60 46	64 54	62 54	62 54	61 50	67 50	46 40	49 31	42 33	41 30	48 28	51 34	51 47	58 38	65 33	60 40	58 25	40 20	46 22	52 21	56.1 38.1	
PADUCAH FAA AIRPORT	MAX MIN	77 59	81 59	59 30	44 28	52 39	47 31	52 24	48 24	57 23	70 39	61 49	59 52	65 54	60 49	69 50	67 43	47 35	45 31	40 36	40 29	48 26	50 39	48 33	51 30	65 35	64 50	56 33	38 20	49 21	53 21	55.6 36.6	
PADUCAH	MAX MIN	77 59	81 67	79 39	42 30	55 40	49 34	55 24	51 33	57 34	70 36	68 50	53 60	65 51	62 51	64 50	69 47	49 40	46 32	45 36	41 35	48 29	48 39	50 43	57 31	67 34	64 46	62 28	42 23	40 21	54 21	57.2 38.8	
PARADISE STEAM PLANT	MAX MIN	71 58	73 58	82 57	59 32	48 36	53 37	50 24	49 29	49 23	56 26	70 35	57 48	62 52	64 55	60 51	69 50	62 41	48 33	47 33	50 28	50 22	55 24	51 30	60 36	68 28	62 31	53 25	42 19	45 19		56.8 36.6	
PIKEVILLE	MAX MIN	67 58	85 53	84 75	84 54	63 57	59 51	63 43	59 30	54 23	64 26	70 31	73 48	69 59	60 54	75 58	55 45	48 33	39 32	40 36	48 29	54 25	63 36	56 40	66 28	60 33	53 44	44 30	43 18	55 19		60.2 39.7	
PRINCETON	MAX MIN	75 59	80 51	75 41	45 26	47 42	50 35	55 21	50 24	59 18	73 32	59 45	60 50	66 52	62 51	67 54	69 48	51 40	49 32	43 35	45 33	48 21	50 35	55 46	60 34	64 31	62 46	61 25	47 20	53 18		57.4 36.0	
RENFRO VALLEY	MAX MIN	77 48	81 53	80 57	69 45	60 43	59 42	55 26	45 21	47 11	61 26	70 30	70 45	65 43	74 53	73 55	60 41	48 35	46 24	41 30	46 27	54 26	56 32	63 26	56 33	64 30	62 34	50 41	49 29	40 13	54 13	59.2 34.4	
RICHMOND	MAX MIN	71 51	65 52	81 61	78 38	54 42	52 41	49 24	53 24	49 19	62 21	62 29	62 47	69 53	60 53	65 52	69 53	45 40	45 29	43 29	34 24	37 25	53 39	54 35	54 30	51 30	62 32	58 49	50 24	37 13	39 13	55.2 35.8	
RUSSELLVILLE	MAX MIN	72 60	81 64	76 42	54 36	51 44	50 39	54 26	47 38	54 22	68 38	60 45	61 57	65 53	67 54	68 54	65 49	50 39	51 30	43 33	48 20	59 32	55 48	57 30	60 48	60 30	65 46	59 30	40 25	40 18		58.2 38.8	
SCOTTSVILLE	MAX MIN	78 60	82 62	76 45	54 40	52 48	48 38	55 26	47 26	54 23	68 34	67 47	74 54	68 57	72 58	68 56	51 40	45 29	42 32	38 24	47 21	58 31	58 47	57 31	69 34	63 46	60 30	43 26	40 16	56 18		56.6 39.0	
SHELBYVILLE	MAX MIN	65 49	65 51	82 62	74 32	48 33	50 37	47 25	51 26	45 21	51 21	60 31	58 46	69 48	60 55	62 50	66 49	41 26															

EVAPORATION AND WIND

KENTUCKY
NOVEMBER 1961

Station		Day of month																															Total or Avg
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WOLF CREEK DAM	EVAP WIND	.05 7	.05 7	.13 123	.13 55	.16 15	.13 15	.19 10	- 10	- 32	- 3	- 15	- 10	- 5	- 13	- 4	- 38	- 73	- 21	- 19	- 21	- 15	- 16	- 49	- 21	- 49	- 6	- 20	- 51	- 24	- 23	- 770	

See Reference Notes Following Station Index

SNOWFALL AND SNOW ON GROUND

KENTUCKY
NOVEMBER 1961

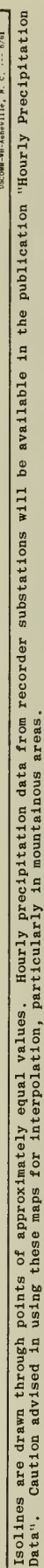
Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BARDSTOWN S J PREP SCH	SNOWFALL SN ON GND																			T	T											
BENHAM	SNOWFALL SN ON GND																			T												
BEREA COLLEGE	SNOWFALL SN ON GND																			1.1												
BOWLING GREEN FAA AIRPORT	SNOWFALL SN ON GND																		T	T												
CAMPBELLSVILLE	SNOWFALL SN ON GND																			.5	T											
COVINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV								T											.9 1	T T											
CYNTHIANA	SNOWFALL SN ON GND																			T T	T T	T										
DANVILLE	SNOWFALL SN ON GND																			2.0 2	T											
DEWEY DAM	SNOWFALL SN ON GND																			1.0 1												
FARMERS	SNOWFALL SN ON GND																			.5 1												
GEST LOCK 3	SNOWFALL SN ON GND																			.3 T												
HAZARD WATER WORKS	SNOWFALL SN ON GND																			T T												
HEIDELBERG LOCK 14	SNOWFALL SN ON GND																			1.0 1												
HENDERSON 7 SSW	SNOWFALL SN ON GND																			T												
IRVINGTON	SNOWFALL SN ON GND																			T												
LEXINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV																			1.2 1	T T											
LONDON FAA AIRPORT	SNOWFALL SN ON GND																		T	.8 T												
LOUISVILLE WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV																		T	.9 T	T		T									
MAMMOTH CAVE PARK	SNOWFALL SN ON GND																			.5												
MAYSVILLE DAM 33	SNOWFALL SN ON GND																			.3 T	T T											
MIDDLESBORO	SNOWFALL SN ON GND																			T												
MILLERSTOWN	SNOWFALL SN ON GND																			T T												
MONTICELLO	SNOWFALL SN ON GND																			2.0 1												
OWENSBORO 2 W	SNOWFALL SN ON GND																			T												
PIKEVILLE	SNOWFALL SN ON GND																			2.2												
SOMERSET 1 N	SNOWFALL SN ON GND																			1.5 2	T											
SUMMER SHADE	SNOWFALL SN ON GND																			.5												
WILLIAMSTOWN 5 WSW	SNOWFALL SN ON GND																			1.5 2	.2 T	T T										

See reference notes following Station Index.

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STATION INDEX

KENTUCKY
NOVEMBER 1961

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
							TEMP.	PRECIP.	EVAP.	SPECIAL		
ADDOON DAM #5	0011	BRECKINRIDGE	7	37 55	86 34	380	6A	6A			C	CORPS OF ENGINEERS
ALBANY 4 N	0063	CLINTON	2	36 45	85 08	1000	7P	7P			C	MRS. BARBARA M. COOL
ANCHORAGE	0155	JEFFERSON	7	38 16	85 33	700	7P	7P			C	CHARLES G. BARRETT
ASHLAND	0254	BOYD	7	38 27	82 36	955	7A	7A			C	ASHLAND WATER PLANT
BARBOURVILLE	0381	KNOX	2	36 52	83 53	1000	6P	6P			C	UNION COLLEGE
BARSTOWN S. J. PREP SCH	0387	NELSON	8	37 48	85 28	631	5P	5P			C	ST. JOSEPH PREP. SCHOOL
BAXTER	0450	HARLAN	2	36 51	83 20	1164	7A	7A			C	C. HOMER NOLAN
BEAVER DAM	0490	OHIO	3	37 25	86 52	441	6P	6P			C	E. G. YOUNG
BENMAN	0595	HARLAN	2	36 58	82 57	1585	6P	6P			C	C. C. WHITEAKER
BENTON	0611	MARSHALL	9	36 51	88 20	395					C	JAMES M. MILLER
BENTON 2	0615	MARSHALL	9	36 51	88 20	305	5P	5P			C	RADIO STATION WGBL
BEREA COLLEGE	0615	MADISON	4	37 34	84 18	1070	6P	6P			C	JAMES A. GROSSMAN
BEREA WATER WORKS	0624	MADISON	4	37 33	84 15	1010	7A	7A			C	MRS. LAURA B. GABBARD
BLAINE 1 W	0752	LAWRENCE	1	38 02	82 52	690	8A	8A			C	JOHN LEE BURTON
BONNIEVILLE	D854	HART	3	37 23	85 54	684	5P	5P			C	WILLIAM L. FERRISS
BOWLING GREEN	0904	WARREN	3	37 00	86 26	536	7A	7A			C	JAMES R. EDWARDS
BOWLING GREEN SUBSTA	0907	WARREN	3	37 01	86 26	470	7A	7A			C	TVA-339
BRENT DAM 36	0909	HARRISON	3	36 58	86 26	535	MID	MID			C	FED. AVIATION AGENCY
BROWNSVILLE	1047	CAMPBELL	7	39 03	84 25	497	7A	7A			C	CORPS OF ENGINEERS
BUCKHORN	1080	PERRY	4	37 21	83 23	936	7A	7A			C	MRS. TEMPLE LOU SMITH
BURDINE 2 NE	1220	PIKE	1	37 13	83 25	1642	8A	8A			C	CORPS OF ENGINEERS
BURKESVILLE	1137	CUMBERLAND	2	36 47	85 22	600	7A	7A			C	EDWIN E. JOHNSON
CADIZ LOCK E	1204	TRIGG	2	36 46	87 58	384	7A	7A			C	MARVIN M. LEE
CALHOUN LOCK 2	1227	KC LEAN	3	37 32	87 16	402	7A	7A			C	CORPS OF ENGINEERS
CAMPBELLVILLE	1256	TAYLOR	3	37 20	85 21	771	6P	6P			C	H. ALVA MC KINLEY
CANEYVILLE	1294	GRAYSON	3	37 25	86 30	400	7A	7A			C	G. V. COX SR.
CARROLLTON LOCK 1	1345	CARROLL	4	38 41	81 40	480	4P	4P			C	CORPS OF ENGINEERS
CECILIA	1406	HARDIN	8	37 40	85 57	734	7A	7A			C	WILLIAM S. VERTREES
CLAY CITY 1 WNW	1576	POWELL	4	37 52	83 56	712	7A	7A			C	JOEL W. MOUNTZ
CLERMONT 1 SSE	1611	BULLITT	8	37 55	85 40	560	5P	5P			C	BERNHEIM FOUNDATION
CLINTON	1631	NICHMAN	6	36 43	89 00	390	5P	5P			C	WOODSON O. FRANKLIN
COBB	1663	CADWELL	2	36 59	87 47	490	7A	7A			C	MRS. BENNIE B. WHITE
COLLEGE HILL LOCK 11	1704	ESTILL	4	37 47	84 06	611	7A	7A			C	CORPS OF ENGINEERS
COVINGTON WB AIRPORT	1895	BOONE	7	39 04	84 40	869	MID	MID			C	U.S. WEATHER BUREAU
CUMBERLAND FALLS ST PK	1949	WHITLEY	2	36 50	84 19	1070	5P	5P			C	KY. DEPT. OF CONSV.
CYNTHIANA	1998	HARRISON	5	38 23	84 18	684	7A	7A			C	H. MARSHALL HILL
DANVILLE	2003	HARRISON	5	38 23	84 17	719	8A	8A			C	KY. CAROLINA DAIRY
DAVELLA	2040	BOYLE	4	37 39	84 46	955	7A	7A			C	R. P. COLLIER
DELMPIA 1 E	2132	PERRY	4	37 02	83 07	1660	8A	8A			C	MRS. EVA M. DAVIS
DEMA	2139	KNOTT	1	37 25	82 48	850	7A	7A			C	THOMAS M. GRAHAM
DEWEY DAM	2180	FLOYD	1	37 45	82 47	653	7A	7A			C	MATTIE B. BARNEY
DIX DAM	2214	MERCER	8	38 43	84 43	491	7A	7A			C	CORPS OF ENGINEERS
DUNDEE 4 ESE	2358	OHIO	3	37 39	86 43	491	7A	7A			C	PHILLIP O. THACKER
DUNNOR	2366	MULLENBERG	3	37 05	87 00	592	7A	7A			C	JESSE L. HUFF
EDDYVILLE LOCK F	2391	BRECKENRIDGE	3	37 43	86 13	793	7A	7A			C	N. O. GIVENS
EDMONTON	2445	LYON	2	37 03	85 30	420	7A	7A			C	LENA BLAIR
ELIZABETHTOWN	2452	FRANKLIN	3	37 48	85 37	865	6P	6P			C	CORPS OF ENGINEERS
ELKHORN CITY	2520	HAROLD	3	37 41	85 52	739	6P	6P			C	JOHN E. MORAN
ELKTON 2 S	2528	PIKE	1	37 18	82 21	800	7A	7A			C	RADIO STATION WJEL
FALMOUTH	2548	TODD	2	36 47	87 10	520	7A	7A			C	EDMOND O. BENNETT
FARMERS	2775	PENDELTON	5	38 40	84 20	560	6P	6P			C	S. RICHARD ANDERSON
FLEMINGSBURG	2791	ROWAN	5	38 09	83 33	668	4P	4P			C	FRANK M. LAWSON
FLEMINGSBURG 2	2903	FLEMING	5	38 25	83 43	858	7A	7A			C	H. MRS. C. C. STAMPER
FORD LOCK 10	2908	FLEMING	5	38 25	83 43	911	MID	MID			C	MRS. ALMYRA B. NALL
FORD LOCK 10A	2953	MADISON	4	37 54	84 16	660	6A	6A			C	WILLIAM H. FISCHER
FORD LOCK 10B	2961	CRITTENDEN	2	37 28	88 08	500	6A	6A			C	CORPS OF ENGINEERS
FRANKFORD LOCK 4	3028	FRANKLIN	4	38 14	84 52	504	6A	6A			C	CORPS OF ENGINEERS
FRANKLIN 1 E	3036	SIMPSON	3	36 43	86 34	690	7A	7A			C	MRS. KATIE O. NEAL
FREEDMAN 2 SW	3046	PIKE	1	37 33	82 10	730	8A	8A			C	MRS. ALTA S. GOSSLIN
FRENCHBURG	3052	WENEFEE	5	37 57	83 39	864	7A	7A			C	MISS ESTHER ANDERSON
GALLIET 1 S	3112	MCDONN	3	37 54	85 48	868	8A	8A			C	G. GUT DECKARD
GEORGETOWN WATER WORKS	3194	SCOTT	4	38 12	84 33	888	8A	8A			C	WILLIAM F. BRAMLETT
GEST LOCK 3	3203	MENRY	4	38 25	84 53	490	7A	7A			C	CORPS OF ENGINEERS
GLASBORO	3241	BARREN	3	37 00	85 55	780	7A	7A			C	EMILY M. HEAM
GLASBORO WKAY	3246	BARREN	3	37 00	85 55	808	6P	6P			C	RADIO STATION WKAY
GLENDALE 1 E	3252	MARGIN	3	37 36	85 54	710	4P	4P			C	DEWEY S. HILL
GOLDEN POND 8 N	3295	TRIGG	2	36 54	85 50	393	4P	4P			C	FISH & WOLF. REFUGE
GRANT DAM 38	3358	BOONE	7	38 59	84 50	503	7A	7A			C	CORPS OF ENGINEERS
GRAYSON 1 SE	3392	CARTER	7	38 19	82 56	900	6A	6A			C	ALBERT G. SWANAGAN
GREENSBURG	3430	GREEN	3	37 15	85 30	630	7A	7A			C	HOWARD PICKETT
GREENSBURG 1 S	3435	GREEN	3	37 15	85 30	595	7A	7A			C	ROBERT C. LANDERS
HALESVILLE 2 W	3451	MULLENBERG	3	37 12	87 12	519	5P	5P			C	C. ROYCE L. BRINKLEY
HARTFORD 6 NW	3539	CHRISTIAN	3	37 03	87 20	740	7A	7A			C	CELESTUS M. CARSON
HAZARD	3652	OHIO	3	37 32	86 54	429	8A	8A			C	DAVID K. CARSON
HAZARD WATER WORKS	3709	PERRY	4	37 15	83 12	869	7A	7A			C	H. A. BAILEY
HEIDELBERG LOCK 14	3714	PERRY	4	37 15	83 11	880	7A	7A			C	L. E. HOGSTON
HENDERSON 7 SSW	3762	HENDERSON	7	37 45	87 38	382	6P	6P			C	CORPS OF ENGINEERS
HERNDON	3768	CHRISTIAN	2	36 44	87 34	512	7A	7A			C	FRANK STREET
HICKMAN 1 E	3816	FULTON	2	36 34	89 10	362	7A	7A			C	C. W. KEATS
HICKSVILLE	3821	GRAVES	6	36 48	88 50	440	7A	7A			C	MRS. NELL S. CALVIN
HIGH BRIDGE LOCK 7	3837	JESSAMINE	4	37 49	84 43	544	7A	7A			C	TVA-679
HINDMAN	3899	KNOTT	4	37 20	82 59	1190	5P	5P			C	CORPS OF ENGINEERS
HODGENVILLE NAT PARK	3929	LARUE	3	37 32	85 44	788	7A	7A			C	LUTHER RITCHIE
HOPKINSVILLE	3994	CHRISTIAN	2	36 51	87 10	569	7A	7A			C	NATIONAL PARK SERVICE
HYDEN	4093	LESLIE	4	37 10	83 23	890	7A	7A			C	H. NEWELL F. SMITH
INEZ	4134	MARTIN	4	37 52	82 32	638	6P	6P			C	MRS. FERN F. ELAM
IRVINGTON	4165	BRECKINRIDGE	3	37 53	86 17	550	6P	6P			C	UNITED FUEL GAS CO.
JACKSON	4196	BREATHITT	4	37 33	83 23	795	7A	7A			C	FLOYD G. ROBBINS
JEREMIAH	4255	LEITCH	4	37 10	82 56	1150	5P	5P			C	JAMES O. MALONEY
KEENE 1 SSW	4369	JESSAMINE	4	37 57	84 38	941	7A	7A			C	MOBART ISON
KENTUCKY DAM	4414	LIVINGSTON	9	37 01	88 16	352	5A	5A			C	HUGH W. BUFFIN
LA GRANGE 2 NWN	4590	OLDHAM	7	38 26	85 23	880	5P	5P			C	S. R. VARABLE
LANCASTER	4620	GARRARD	4	37 37	84 35	1032	8A	8A			C	KENTUCKY UTILITIES CO.
LEITCHFIELD	4703	GRAYSON	3	37 29	86 18	642	6P	6P			C	CLYDE STIKELATHER
LEXINGTON WB AIRPORT	4746	FAYETTE	4	38 02	84 36	979	MID	MID			C	U.S. WEATHER BUREAU
LIBERTY	4755	CASEY	4	37 21	84 55	772	7A	7A			C	PALLIA F. HANLEY
LITTLE NICKMAN LOCK 8	4825	JESSAMINE	4	37 45	84 35	521	7A	7A			C	CORPS OF ENGINEERS

1-01G SANDY; 2-CUMBERLAND; 3-GREEN; 4-KENTUCKY; 5-LICKING; 6-MISSISSIPPI; 7-OMIO; 8-SALT; 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

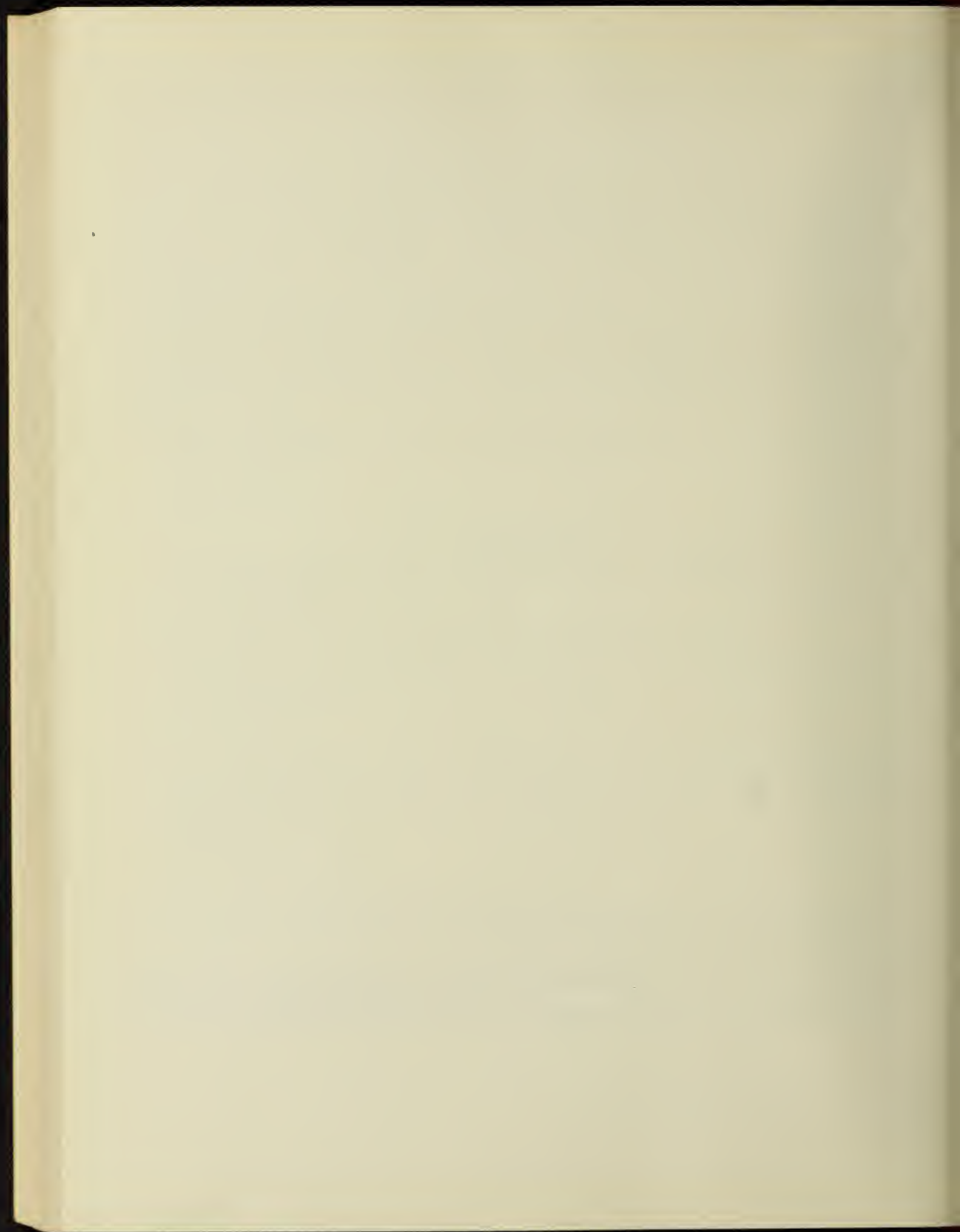
X Observation time is 1:00 a.m., EST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.



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U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

DECEMBER 1961

Volume 56 No. 12



ASHEVILLE: 1962

TEL
FED
FEB 27 1962

KENTUCKY - DECEMBER 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 72° on the 5th at Hickman 1 E

Lowest Temperature: -3° on the 29th at Warsaw Markland Dam and
Williamstown 5 WSW

Greatest Total Precipitation: 7.56 inches at Gamaliel 1 S

Least Total Precipitation: 2.74 inches at Flemingsburg 2

Greatest One-Day Precipitation: 3.17 inches on the 9th at Murray

Greatest Reported Total Snowfall: 10.3 inches at Jeremiah

Greatest Reported Depth of Snow on Ground: 5 inches on the 28+ at
4 stations

CLIMATOLOGICAL DATA

KENTUCKY
DECEMBER 1961

Station	Temperature												Precipitation															
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days					Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days						
										Max. Min.									Total	Departure From Long Term Means	Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
										60° or Above	32° or Below	32° or Below	0° or Below	0° or Below														
WESTERN																												
BEAVER DAM	47.9	29.1	38.5		71	4	5	29	814	0	4	19	0	4.33		2.11	9		1	24+	8	2	1					
BENTON 2	48.6M	28.8M	38.7M		70	3	8	29	811	0	2	19	0	4.51		2.02	9				8	1	1					
FORDS FERRY DAM 50	45.1	28.9	37.0		70	3	10	29+	859	0	3	20	0	3.78	.64	.83	5		1	24+	9	3	0					
GOLDEN POND 8 M	49.6M	28.9M	39.3M		69	4+	6	29	778	0	2	18	0	4.92		2.36	9				7	2	1					
GREENVILLE 2 W	48.4	29.0	38.7	.2	69	4	6	29	812	0	3	20	0	4.34	.42	2.56	9	.8	1	23	6	2	1					
HENDERSON 7 SSW	45.0	28.5	36.8	-.8	69	4	4	29	868	0	3	21	0	3.95	.32	1.44	9	1.2	T	29+	10	2	1					
HICKMAN 1 E	47.5	28.4	38.0		72	5	10	29	831	0	2	19	0	5.89		2.68	9				10	3	1					
HOPKINSVILLE	47.0	27.6	37.3	-1.7	71	5	7	29	851	0	3	22	0	5.33	1.25	1.51	10	2.5	1	30+	9	3	2					
LOVELACEVILLE	47.0	29.3	38.2	-.9	70	3	10	29	825	0	1	20	0	4.98	.99	1.90	9				10	4	1					
MADISONVILLE 1 SE	47.4	28.9	38.2		68	3	8	29	827	0	2	20	0	4.13		.96	9				7	3	0					
MAYFIELD	46.5	31.4	39.0		70	4+	12	29	799	0	3	19	0	5.33		1.65	9		0		8	4	2					
MURRAY	47.4M	32.3M	39.9M	-.1	70	4	11	29	759	0	4	15	0	7.53	3.32	3.17	9				12	3	1					
OWENSBORO 2 W	45.5	29.2	37.4	.1	70	4+	6	29	850	0	4	20	0	3.71	.50	.98	10	1.9	1	9	9	4	0					
PADUCAH FAA AIRPORT	45.1	29.1	37.1		68	3	11	28	858	0	4	21	0	4.49		2.03	9	1.0	1	23	7	2	1					
PADUCAH	47.5	30.3	38.9		69	3	8	29	803	0	2	20	0	3.07	-.48	1.86	9				5	1	1					
PARADISE STEAM PLANT	47.3	27.1	37.2		71	4	6	29	854	0	3	21	0	4.42		1.25	9				8	3	2					
PRINCETON	47.9	27.6	37.8	-1.0	71	3	6	29	839	0	3	21	0	5.41	1.59	2.70	9				12	1	1					
RUSSELLVILLE	49.2	30.5	39.9	2.0	70	3	9	29	768	0	1	18	0	6.67	2.48	1.60	10	8.1	2	31+	10	5	3					
DIVISION			38.2	-.5										4.82	1.00					2.6								
CENTRAL																												
ADDISON DAM 45	40.3	23.6	32.0		68	4	3	29	1019	0	9	27	0	4.09	.67	1.10	10		1	31+	9	4	1					
ANCHORAGE	44.5	26.8	35.7	.1	69	4	3	29	899	0	6	23	0	3.78	.47	1.20	9	10.1	3	23	9	2	1					
BARDSTOWN S J PREP SCH	47.2	28.2	37.7		70	4+	3	29	838	0	3	22	0	4.46		1.68	9											
BOWLING GREEN FAA AP	47.0	30.0	38.5	-.7	69	3	8	29+	816	0	4	18	0	5.47	1.05	2.62	9	2.5	1	29+	7	3	1					
CAMPBELLSVILLE	47.4	29.9	38.7		68	4+	4	29	809	0	3	19	0	4.94		1.88	9	1.0	T	24+								
CECILIA			M																		9	2	1					
CLERMONT 1 SSE	47.7	28.0	37.9		71	3	3	29	833	0	2	21	0	3.94		1.46	9				10	5	1					
GLASGOW WKAY	48.1	30.5	39.3		70	3	6	29	790	0	4	19	0	6.80		1.99	9	1.6	T	25+	10	5	2					
GREENSBURG	47.2	26.7	37.0	-1.2	70	4	6	29	864	0	3	22	0	5.69	1.77	1.50	10	1.5	1	31+	10	5	2					
IRVINGTON	46.3	28.0	37.2	-.4	69	4+	3	29	858	0	4	22	0	4.02	.54	1.57	9	2.6	T	30+	9	2	1					
LEITCHFIELD	46.2	29.1	37.7	-.6	69	3	4	29	840	0	4	20	0	5.06	.98	1.49	10	1.1	1	31+	8	4	1					
LOUISVILLE	45.5	29.2	37.4		70	4	6	28	848	0	6	22	0	3.88		1.48	9	3.0			8	3	1					
LOUISVILLE WB AP	44.8	28.0	36.4	-.5	70	4	4	28	877	0	6	23	0	3.75	.45	1.37	9	9.3	3	9	8	2	1					
MAMMOTH CAVE PARK	47.4	29.7	38.6		70	3	2	29	812	0	4	20	0	6.13		2.08	9	T	T	31+	9	4	1					
SCOTTSVILLE	48.4	31.5	40.0		68	3	8	29	771	0	4	17	0	7.44		2.05	9	3.0	0		12	7	1					
SUMMER SHADE	47.9	28.5	38.2		70	3	4	29	823	0	3	21	0	6.87		2.07	9	1.5	1	24+	9	6	2					
WOLF CREEK DAM	49.9	26.7	38.3		70	4	5	29	821	0	3	22	0	6.19		1.53	10				9	5	2					
DIVISION			37.5	-.4										5.16	1.31					3.1								
BLUE GRASS																												
BEREA COLLEGE	49.2	28.2	38.7	.1	67	3	3	29	805	0	2	22	0	4.85	1.29					2.5								
CARROLLTON LOCK 1	44.6	27.6	36.1		68	4	2	29	887	0	5	22	0	3.03	.36	.80	5		5	9	9	3	0					
COVINGTON WB AIRPORT	41.1	25.8	33.5	-.1	67	4	0	29+	970	0	7	23	2	3.39	.56	.82	9	8.1	2	31+	7	3	0					
CYNTHIANA 2	45.2	24.3	34.8		69	5	1	29	932	0	5	22	0	2.93		.67	5	5.1			7	3	0					
DANVILLE	45.8	26.9	36.4		67	4	3	29	882	0	4	21	0	5.03	1.54	1.71	10	3.9	1	31+	10	4	1					
DIX DAM	47.6	29.5	38.6		68	3	2	29	810	0	2	17	0	4.29		1.31	10				8	4	1					
FALMOUTH	44.6	26.3	35.5		69	4	2	29	907	0	4	23	0	3.87	.85	.85	10	3.5	3	9	11	3	0					
FLEMINGSBURG 2	43.7	26.5	35.1		67	4	1	29	916	0	4	23	0	2.74	.74	.74	9				8	1	0					
FRANKFORT LOCK 4	45.5	25.3	35.4	-2.0	69	5	3	29	906	0	4	22	0	3.38	.21	.84	10	7.2	4	9	9	3	0					
LEXINGTON WB AIRPORT	43.9	27.1	35.5	-.4	67	4	1	29	907	0	6	22	0	3.89	.21	1.46	9	5.1	2	30	7	2	1					
MAYSVILLE DAM 33	45.3	24.6	35.0	-1.2	69	5	4	29	923	0	5	23	0	3.35	.15	.65	17			2	30	9	3	0				
MOUNT STERLING	46.5	27.3	36.9		67	4	0	29	863	0	2	20	1	4.06	.52	.85	9				13	3	0					
RICHMOND	44.9	25.9	35.4		66	5+	2	29	911	0	6	21	0	5.20		1.28	10	3.5	2	25+	10	5	1					
SHELBYVILLE	43.5	25.6	34.6	-1.7	67	5+	2	29	935	0	6	22	0	4.17	.54	.93	17	8.5	4	9	10	3	0					
WARSAW MARKLAND DAM	43.0	26.1	34.6	-1.4	68	4	-	3	29	936	0	6	23	1	3.24	.26	.89	10	3.0	3	9	9	3	0				
WILLIAMSTOWN 5 WSW	43.2	22.7	33.0	-2.8	66	5	-	3	29	987	0	6	27	1	4.14	1.13	.90	10	9.3	3	30+	11	3	0				
DIVISION			35.6	-1.5										3.85	.47					5.4								
EASTERN																												
ASHLAND	45.7	25.2	35.5	-2.8	69	5	5	29	910	0	5	23	0	3.76	.94	1.16	10	2.0	2	9	10	2	1					
BARBOURVILLE	49.4M	28.7M	39.1M		68	4	0	29	788	0	3		1	7.34						0								
BAXTER	47.5	27.1	37.3		65	5	2	30+	850	0	4	22	0	6.25		1.33	10				9	5	3					
BENHAM	50.5	29.6	40.1		66	3	0	29	765	0	1	19	1	5.77		1.11	18	7.5	4	29+	14	3	1					
BLAINE 1 W	47.3	22.9	35.1		69	5	2	29	919	0	3	23	0	5.05		1.49	10	5.1			10	3	1					
DEWEY DAM	47.4	26.0	36.7		70	5	5	29	869	0	6	23	0	4.92		1.20	10	2.0	1	30+	8	3	2					
FARMERS	47.5	27.1	37.3	1.0	68	4	2	29	851	0	2	20	0	3.79	.48	1.34	10	4.5	3	24	9	2	1					
GRAYSON 1 SE	45.1	24.5	34.8		67	5	3	29	928	0	6	23	0	3.78		1.22	10	2.0	1	25+	9	2	1					
HEIDELBERG LOCK 14	49.2	27.2	38.2		67	4+	2	29	921	0	1	20	0	6.41	3.19	1.92	10	3.1	3	24	8	4	3					
HINDMAN	51.3M	25.4M	38.4M		71	4	11	29+	820	0	1	24	0			2.0			1	24								
HYDEN	50.2	26.6	38.4		71	5	3	30+	816	0	3	22	0	6.58		1.65	10	6.2	4	28	10	6	2					
INEZ	46.9M	25.4M	36.2M		68	5	6	29	890	0	1	23	0	5.84		1.60	18	3.0			10	4	3					
J																												

CLIMATOLOGICAL DATA

KENTUCKY
DECEMBER 1961

CONTINUED

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										90° or Above	32° or Below	32° or Below	0° or Below										
MONTICELLO	48.5	30.5	39.5		69	3	3	29	784	0	4	18	0	6.40		1.61	10				9	5	2
PIKEVILLE	50.1	31.2	40.7		71	4	9	29	751	0	1	18	0	5.66	2.46	1.24	18	6.0	2	28	12	3	1
RENFRO VALLEY	51.0	26.2	38.6		67	3	4	29	832	0			0	7.06		1.14	9				12	7	2
SOMERSET 1 N	48.0	29.0	38.5		64	4	4	29	812	0	2	19	0	6.37		1.68	9	1.5	1	31+	9	5	1
STEARNS	46.6	27.6	37.1		63	5	2	29	857	0	4	21	0	7.08		1.80	18				10	4	3
VANCEBURG DAM 32	44.8	26.9	35.9		70	4	2	29	898	0	3	21	0	3.21	.09	.90	10	3.5	2	31+	9	2	0
WEST LIBERTY	47.3	23.9	35.6		68	4	2	29	903	0	3	23	0	4.92		1.52	10	3.0	2	24	8	3	1
WILLIAMSBURG 2	51.1	27.6	39.4	- .5	69	4	4	30+	789	0		21	0	5.94	2.29	1.42	10				11	4	2
DIVISION			37.7	- 1.0										5.75	2.17			3.5					

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	WNW	14	10.6	32#	W	4	75	79	68	72	7	9	4	3	0	0	23	-	8.0
LEXINGTON WB AIRPORT	SSW	12	11.7	35#	W	4	81	87	74	80	9	6	5	1	1	0	22	-	7.8
LOUISVILLE WB AIRPORT	WNW	13	8.7	29	SW	4	76	82	70	71	8	7	6	1	1	0	23	27	7.8
# 12:00 Midnight																			

See Reference Notes Following Station Index

DAILY PRECIPITATION

KENTUCKY
DECEMBER 1961

Station	Total	Day of Month																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
ADDISON DAM #5	4.09				.91					.52	1.10	T	.22	.02			.50	.23	.14				.15	.07				.17	T	T	.03	.03	.		
ALBANY A N	6.79				.52					.67	1.34	T	.55	T			.126	1.49					.22	.06				.38	.26			.04	.		
ANCHORAGE	3.78				.20					1.20	.08	.16	.08	T	T		.45	.14	.22	.07	.01		.53	.03				.16	T	T	.03	.01	.		
ASHLAND	03.76			.05	T	.31				.015	1.16	.04	.20				.67	.31	.17	.07	T		.20	.20	T			.23	T	T	.03	.01	.		
BARBOURVILLE	07.34				.09	.38				1.05	1.09	.34	.58				.08	*	2.22	.33	.02		.28					.48	0.20			.20	.		
BARSTOWN S J RRER SCH	4.46				.05	.61				1.68	.19	.14	.17	T			.26	.18	.54	.03	T		.20	.06	T			.26		.74	.02	.04	.05	.	
BAXTER	6.25			.10		.40				.12	1.33	.05	1.10	.05			.02	.94	1.07		.09	.01	.05	.10	.04								.02	.	
BEAVER DAM	4.33				.02	.80				2.11	.08	.19					.29	.18	.27	.04			.14					.21					.02	.	
BENHAM	5.77		.10	.02		.41				.67	.30	.45	.22	.17			.97	.32	1.11	.39	.03	T	T	.03	.15	T		.19	.21	.03			.02	.	
BENTON 2	4.51				.30	.26	T			2.02	.06	.35	.45				.30		.45				.05	.27									.02	.	
BEREA COLLEGE	04.85				T	.65				*	2.30	T					.80	.10	.45	T	T		.20	0.25					.10	T			.01	.	
BEREA WATER WORKS	5.86					.61				.56	1.62	T	.46		.04		.04	.96	.48	.06	.04	T	.16	.21				.28	.26	.02	.03		.01	.	
BLAINE 1 W	05.05		T	.02		.40				0.15	1.49	.05	.37				.43	.86	.18	.08			.21	0.15	0.03			.06	0.05		D.10	.03	.01	.	
BOWLING GREEN	6.61					.57				1.05	2.00		.53				.10	.85	.57	.07			.18					.42	.07				.01	.	
BOWLING GREEN SUBSTA	6.10					.81				1.56	1.19	.02	.53				.06	.88	.51				.07	.08				.29					.11	.	
BOWLING GREEN FAA AP	5.47				.52					.01	2.62	.04	.49	T	T		.91	.18	.28	T	T		.08	.20	T	T	T	.09	T	T	.01	.04	.05	.	
BRENT DAN 36	3.34		T			.70				.13	.73	T	.13	T			.90	.06	.12	.04	T		.40	T	T			.03	.05	T	.05		.11	.	
BROWNSVILLE	6.71			.01		.91				1.08	1.88	.02	.52	T			.18	.61	.60	.07	.01	T	.08	.14				.42	T				.02	.	
BURDINE 2 NE	5.10					.40				.40	1.50		.77				.25	.50	1.30	.15	.08		.14	T	T			.48	.27	T			.08	.	
BURKESVILLE	6.63			T	T	.69				.80	1.30	T	.49	.03			T	1.02	1.33														.01	.	
CAD12 LOCK E	6.49					.50				1.65	1.88	T	.34				.70	.55	.09				.09	.35				.33					.10	.	
CALHOUN LOCK 2	4.06		T			1.00				.56	1.19	T	.28	T			.04	.44	.27	.07	T		.09	T				.17	.01	T	T		.02	.	
CANRBELLSVILLE	4.94				T					1.88	.27	.09	.15	T			*	.63	.54	.07	.01		.15	.01	T			.44	T	T	.08	.01	.		
CANEYVILLE	4.83					.81				1.03	1.28		.25	T			.03	.48	.41		.06		T	.12	.15	T		.12	T	.02	.04	T	.01	.	
CARROLLTOWN LOCK 1	3.03					.80				.08	.60	T	.18		T		.62	.20		.10	T	T	.12	.15	T			.12	T				.02	.	
CECILIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.	
CLAY CITY 1 WNW	4.18					.40				.25	1.44	T	.23				.31	.64	.40	.05	.16	T	.07	.12				.18	.21	T	.03	T	.01	.	
CLERMONT 1 SSE	3.94				T	.65				1.35	1.22		.36		.01		.31	.22	.29	.02	T		.23	.02	T			.24	T			.01	T	.	
COBB	5.15					.68				1.35	1.22		.36					.52	.42				.25					.35					.01	.	
COLLEGE HILL LOCK 11	4.47					.53				.33	1.36	T	.26	T			T	.84	.44	.05	.03		.10	.13	T			.20	.19		.01	T	.01	.	
COVINGTON WB AIRPORT	3.39		T		.71					.82	.09	.10	T	T			.77	.06	.17	.08	T	.01	.05	.22	T	T	T	.13	.04	.08	.01	.05	.01	.	
CUMBERLAND FALLS ST RK	6.36					.50				1.20	.77	.13	.37				.43	.75	1.35	.16			.12	.06				.42	.07				.03	.	
CYNTHIANA	3.78					.73				.42	.78	.02	.13				.57	.24	.06	.05	T		.24	.25	T	.11		.11	.01	.06	T	T	.01	.	
CYNTHIANA 2	02.93					.67				0.40	0.11	.15					.58	.28	.06	.03		*	*	*				.65						.01	.
DANVILLE	5.03					.65				.47	1.71		.20	.01			.04	.59	.60	.07	.07		.12	.11	T			.16	.12	.06	.04	.01	.01	.	
DELRHIA 1 E	5.54			.16		.35				.22	1.00	.03	1.02	.06			.13	.44	1.03	.16			*	*				.92	.02				.01	.	
DEWEY DAM	4.92					.38				.03	1.20	.06	.25				T	1.16	.95	.05	.10		.08	.20	.05	T		.25	.03				.01	.	
DIX DAM	4.29					.65				.59	1.31	T	.20					.43	.53	.08	T		.12	.09					.25				.01	.	
DUNDEE A ESE	4.40					.82				.75	1.23		.22				.04	.45	.28	.05	.03		.15	.10				.22					.01	.	
DUNMOR	4.74					.47				1.07	1.85		.30					.42	.35									.23					.01	.	
EDDYVILLE LOCK F	4.72					.27				1.20	1.20	T	.60				T	.39	.35	.05			.12	.23				.20	T				.11	.	
EDMONTON	7.42					.85				.72	1.78		.40					1.62	1.32				.12	.06				.30	.20				.01	.	
ELKHORN CITY	4.77					.87				.72	1.78		.40					.73	.07	.06	.12		.18	.10				.62					.01	.	
ELKTON 2 S	6.07				T	.52				1.28	1.69		.48		.10	.10		.05	1.10	.32			.09	.05	T			.34	T				.01	.	
FALMOUTH	3.87		T			.81				.25	.85	T	.17					.62	.13	.14	.12		.29	.24	T			.02	.13	.04	.06	T	.01	.	
FARNERS	3.79		T			.38				.09	1.34	.02	.11				T	.52	.42	.06	.11		.10	.25	.03			.07	.25	.02	.02	T	.01	.	
FLEMINGSBURG	3.33					.55				.07	.98	.03	.10	T	T			.62	.27	.06	.11		.19	.08	T			.06	.16	.01	.04	T	.01	.	
FLEMINGSBURG 2	2.74				T	.42				.74	.12	.02	.06	T			.34	.31	.15	.08			.21	.05				.24	T				.01	.	
FORD LOCK 10	4.32					.57				.23	1.49	T	.17	T				.55	.34	.20	.06	T	.16	.17				.09	.28	T	.05	T	.01	.	
FORDS FERRY DAN 50	3.78					.83				.78	.73	.02	.25				T	.40	.19	.15			.22	.02	T			.17	T	T					

DAILY PRECIPITATION

KENTUCKY
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Station	Total	Day of Month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PADUCAH FAA AIRPORT	4.49				.65				.03	2.03	.04	.36	.09	T			.36	.06	.35	T			.34	.04	T		.03	.11	T	T				
PADUCAH	3.07				.25	.38			1.86	.27	T						.28	T	.03	T			T											
PAINTSVILLE	6.13		T		.50				T	1.40	.10	.42	.10				.12	1.17	1.23	.30	.12			.17	.12	T	T	T	.35	.03	T	T		
PARADISE STEAM PLANT	4.42				.66				1.25	1.15	.30							.39	.31					.04	.10		.22							
PIKEVILLE	5.66		.04	T	.39				.77	.47	.27	.46	T				.39	.53	1.24	.16	.01	T		.09	.16	.01	.37	.26	.01	T		.03		
PINEVILLE	6.35			.02	.38				.25	1.36	.01	.95	.09	T			.02	.72	1.28	.04	.17	.01		.12	.10	.04	.02	T	.74	.02		.01		
PRINCETON	5.41				.39				2.70	.49	.12	.15					.39	.17	.40	.10			.15	.05	.04							.08		
RAVENNA LOCK 12	4.36				.56				.30	1.40		.42						.75	.45	T			.20	.04			.11	.33	T	T				
RENFRO VALLEY	7.06				.72				1.14	.73	.38	.50					.55	1.11	.70			.08	T	.20		.39		.26	.22			.08		
RICHMOND	5.20				.67				.64	1.28	.03	.26	T	T			.07	.67	.62	.08	.05	T	T	.11	.20		.31	.12	.03	.06	T			
ROCHESTER LOCK 3	5.04				.67				.98	1.74		.28					.04	.38	.43		.03			.07	.06			.31	T	T		.05		
RUSSELLVILLE	6.67				.57				1.30	1.60		.47					.10	1.14	.50	.02			.10	.42							.05	.40		
RUSSELLVILLE SUBSTA	7.32				.60				1.57	1.70		.20					.65	.62	.54	.04			.50	.50										
SALVISA LOCK 6	4.57				.83				.39	1.43	T	.16	T	T			T	.44	.47	.08	.05	T		.21	.14	T		.16	.11	T	.06	.04		
SALVERSVILLE 2 SE	5.78				.49				.07	1.48		.46					.04	1.28	1.07	.09			.26	.20					.32	.01	.01			
SCOTTSVILLE	7.44			.14	.63				2.05	.43	.69	.21					.65	.78	.95		.03		.19				.57	T				.12		
SCOTTSVILLE 2 SW	5.81				.40				.55	1.40		.45		.02			.05	1.23	.85	.05			.05	.10			.51	T	T			.15		
SEBREE	3.49				.07				.9	1.81	.25						.15	.32	.24	.19			.25				.18	T				.03		
SHAWNEE STEAM PLANT	4.16				.61				.62	1.13	T	.48					T	.35	.29	.18			.22	.17			.11					T		
SHELBYVILLE	4.17				.83				.38	.70	T	.34						.93	.21	.03	.04			.16	.27	T	T	.14		.02	.11		.01	
SHEPHERDSVILLE	4.03				.75				.45	1.10			.32					.44	.20				.10	.32			.30	.02	.02	.01				
SOMERSET 1 N	6.37		T		.75				1.68	.12	.30	.49	T				.99	.49	.80				T				.71	T	T			.04		
SPRINGFIELD	4.19				.72				.72	1.30		.20						.39	.46	.04			.10	T			.19					.07		
STEARNS	7.08		T		.42				.38	1.70	T	.56					.15	1.34	1.80				.21		.06		.13	.25				.08		
SUMMER SHADE	6.87			.06	.68				2.07	.28	.35	.08	.03				.60	.68	1.18				.20	T			.60	T				.06		
SUMMER SHADE SUBSTA	7.16		T		.67	T	T		.30	1.98	.03	.45	.06				T	1.26	1.17	.12			.13	.11	.03		.22	.47	T			.16		
TAYLORSVILLE	4.28				.80				.20	1.23	T	.30						.66	.32	.02			T	.40	T		.20	T	.08	.05		.02		
TURKEY CREEK SCHOOL	5.71				.48				2.00	.89	.03	.35						.66	.56	.12			.19	.09			.29	T				.05		
TYRONE LOCK 5	4.01				.72				.53	1.10	T	.17					T	.53	.20	.06	.02		.20	.18			.11	.13	.02	.04	T			
UNIONTOWN DAM 49	3.57				.87				.30	.67	T	.28						.56	.35	.20			.20	T			.12	.02	T	T				
VALLEY VIEW LOCK 9	4.38		T		.61				.39	1.35	T	.18	T	T			T	.60	.60	.07	T	T		.12	.09	T		.20	.15	T	.02	T		
VANBUREN	05.20				.80				.20	1.56		.20					.60	.50	.36	.13			.20	D.20			.42					.03		
VANCEBURG DAM 32	3.21				.49				T	.90	.08	.10	T				T	.65	.06	.13	.12		.20	.18	T		.02	.26	T	.02				
WARSAW MARKLAND DAM	3.24				.52				.14	.89	T	.18						.64	.12	.23	.06	T		.25	.02		.03	.12	T	.04				
WAYNESBURG 7 NE	6.57		.04	T	.62				.58	2.05	.05	.48	T				.11	1.33	.76	.04	T		.22	.02	T		.22	T	.02	T		.03		
WEST LIBERTY	4.92				.42				T	1.52	.05	.33	T	T			T	.98	.78	.17	.07	T		.16	.08	T	T		.36	T	T			
WILLIAMSBURG 2	5.94		T	.01	.32				.41	1.42		.68	.11				.03	.83	1.10	.15	.02	.03		.14	.05	.04	T		.10	.47			.03	
WILLIAMSTOWN 5 WSW	4.14		T	T	.82				.36	.90	T	.29	T					.60	.21	.05	T		T	.33	.16	T		.18	T	.10	.14			
WILLOW LOCK 13	6.02				.55				.14	2.14	.02	.41					.12	1.06	.73	.03	.04		.15	.15	.05		.13				.05	.25		
WOLF CREEK DAM	6.19				.70				.30	1.53		.44	.04				T	.87	1.19	.08	.09	.03		.17	.02	T		.15	.54				.04	
WOODBURY LOCK 4	5.23				.60				.76	2.02		.34					.08	.46	.35	T	T			.10	.12			.30	T	T			.10	

See reference notes following Station Index.

DAILY TEMPERATURES

KENTUCKY
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Station		Day Of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ADDISON DAM 45	MAX MIN	48 28	56 34	57 36	68 39	62 33	38 18	47 20	36 20	32 16	40 28	39 31	50 31	47 10	26 12	36 18	36 24	48 30	41 32	42 32	42 28	30 26	36 24	43 24	46 24	26 23	28 24	48 24	29 16	20 3	24 8	28 15	40.3 23.6	
ANCHORAGE	MAX MIN	58 29	62 43	68 35	69 53	57 28	51 20	44 25	37 16	39 26	44 35	43 35	54 24	28 15	38 13	38 24	45 29	55 42	45 36	50 36	38 31	29 25	52 24	46 28	32 27	31 24	53 22	47 28	28 7	23 3	30 17	37 27	44.5 26.8	
ASHLAND	MAX MIN	52 18	60 28	55 36	62 40	69 43	45 19	52 20	45 17	37 16	47 24	53 39	50 38	65 23	31 14	37 14	36 25	55 27	61 42	46 35	55 31	39 29	35 29	49 29	47 27	31 19	33 18	52 21	40 24	30 5	21 6	28 12	45.7 25.2	
BARBOURVILLE	MAX MIN	57 26	65 30	65 42	68 41	65 42	57 27	52 26	14 14	40 30	54 34	52 45	65 47	55 21	43 15	45 27	45 38	52 45	52 40	56 33	37 30							52 14	48 26	32 19	22 0	32 17	38 17	49.4 28.7
BARDSTOWN S J PREP SCH	MAX MIN	60 31	63 50	70 41	70 56	65 33	52 20	44 27	38 14	38 27	52 37	46 36	57 30	32 15	40 14	50 25	58 44	50 37	51 40	42 31	39 29	53 25	49 31	33 24	50 26	23 26	53 31	30 26	33 14	34 3	35 9	45 21	47.2 28.2	
BAXTER	MAX MIN	56 17	57 26	47 35	61 40	65 43	48 31	55 27	47 17	41 17	51 29	54 44	59 45	61 24	34 18	43 21	50 29	56 41	60 51	56 41	55 35	37 31	39 24	51 24	48 25	30 16	49 16	40 25	32 2	25 2	37 18	47.5 27.1		
BEAVER OAM	MAX MIN	61 34	62 50	70 44	71 57	65 35	54 21	47 27	39 16	49 30	50 39	44 37	56 25	29 14	38 16	43 28	53 34	56 44	46 37	49 33	38 30	45 27	54 27	50 26	31 25	37 27	56 25	50 10	29 5	29 11	37 29	47.9 29.1		
BENHAM	MAX MIN	58 24	60 35	66 44	65 43	64 42	56 28	45 29	42 17	42 28	50 36	48 37	57 45	57 22	52 18	57 39	62 44	62 50	41 31	49 22	60 24	35 29	34 24	53 13	53 22	32 22	36 29	29 0	37 16	39 18	45 10	50.5 29.6		
BENTON 2	MAX MIN	56 31	67 51	70 41	69 54	60 36	60 20	49 21	45 18	50 34	47 39	44 36	56 26	30 13	40 13	42 31	55 38	56 38	44 44	45 38	38 32	50 27	55 24	47 23	40 24	38 27	57 28	30 12	33 8	39 10	45 28	48.6 28.8		
BEREA COLLEGE	MAX MIN	58 32	63 44	67 44	64 53	63 36	52 23	54 21	49 22	52 33	57 32	53 27	59 23	46 16	39 18	48 27	49 26	58 43	55 39	43 42	38 30	27 27	52 25	47 32	35 24	33 21	53 23	48 34	40 18	26 3	31 15	42 22	49.2 28.2	
BLAINE 1 W	MAX MIN	54 21	60 22	55 35	67 36	69 39	45 15	52 15	46 11	40 11	48 25	52 40	50 39	64 20	32 10	40 16	60 25	60 29	47 40	55 33	37 29	53 25	40 25	55 26	47 20	38 10	52 38	39 24	22 3	6 8	45 22	47.3 22.9		
BOWLING GREEN FAA AP	MAX MIN	61 38	63 51	69 44	68 51	51 33	53 26	45 27	38 20	50 32	50 40	53 40	55 23	32 18	40 20	43 33	56 36	56 45	46 41	50 35	37 33	45 27	53 25	40 25	32 28	54 27	42 28	26 8	28 8	41 4	45 17	47.0 30.0		
CAMPBELLSVILLE	MAX MIN	59 35	59 48	68 46	68 57	64 36	52 23	50 28	40 17	39 30	52 38	50 37	58 33	34 18	38 17	45 28	50 33	57 46	46 38	52 40	40 32	40 29	53 22	49 29	31 34	32 27	53 25	52 31	34 16	24 4	36 14	45 25	47.4 29.9	
CARROLLTON LOCK 1	MAX MIN	57 27	62 45	65 33	68 58	63 31	51 22	39 31	39 22	39 25	44 37	41 34	51 32	32 16	37 16	37 24	38 27	56 35	46 37	49 38	41 31	37 29	51 28	49 33	34 28	32 22	50 25	48 29	31 14	22 2	27 16	34 9	44.6 27.6	
CECILIA	MAX MIN																																	
CLERMONT 1 SSE	MAX MIN	60 31	62 50	71 39	69 55	65 33	55 19	53 26	42 15	40 23	50 39	47 37	56 32	33 14	43 12	41 26	48 29	55 45	50 37	50 40	40 32	41 29	49 23	48 30	35 26	32 28	53 23	55 33	39 14	24 3	33 10	41 16	47.7 28.0	
COVINGTON W8 AIRPORT	MAX MIN	55 35	61 45	59 36	67 51	51 30	48 25	38 26	33 20	39 25	43 35	43 35	53 20	27 14	34 18	34 23	44 26	40 36	53 41	40 34	34 29	28 28	30 30	40 24	30 22	47 24	44 18	20 0	19 0	26 9	30 15	41.1 25.8		
CYNTHIANA 2	MAX MIN	53 19	58 34	60 30	66 42	69 33	43 18	50 22	42 13	35 14	40 27	46 36	56 38	58 27	31 18	40 11	37 23	55 25	56 33	47 37	54 33	35 25	36 23	54 26	47 23	36 21	32 27	50 21	37 12	26 1	22 7	30 12	45.2 24.3	
DANVILLE	MAX MIN	53 22	59 37	60 42	67 44	65 37	42 23	51 24	43 24	36 23	50 30	51 37	57 51	59 19	29 17	38 23	42 25	59 33	57 39	47 38	52 34	35 29	38 27	51 29	40 25	30 22	33 23	53 30	37 20	29 3	23 5	34 12	45.8 26.9	
DEWEY DAM	MAX MIN	53 17	62 21	53 37	67 38	70 41	47 21	54 21	47 15	40 15	50 30	51 44	52 43	65 24	31 14	42 19	42 29	61 32	61 50	51 42	54 35	38 32	37 25	51 24	46 28	30 24	32 14	55 19	40 26	5 5	24 7	31 14	47.4 26.0	
DIX DAM	MAX MIN	59 34	60 45	68 40	67 55	63 35	51 26	51 28	42 21	36 26	52 34	47 36	60 39	39 16	38 17	41 21	47 31	59 45	48 38	53 42	45 34	37 29	51 28	50 34	36 25	30 21	54 25	54 37	35 19	23 2	35 18	44 15	47.6 29.5	
FALMOUTH	MAX MIN	60 22	62 44	62 30	69 44	61 32	51 20	44 27	36 15	38 22	45 35	44 35	58 32	35 18	37 12	37 24	38 23	55 26	46 38	52 38	41 32	35 30	51 26	45 33	35 28	32 24	51 22	46 22	31 14	22 2	29 16	35 11	44.6 26.3	
FARMERS	MAX MIN	59 23	57 33	67 32	68 43	64 36	52 15	46 30	38 18	36 23	52 35	49 39	62 41	42 20	39 10	39 25	40 30	59 39	55 40	55 42	33 30	36 23	57 34	35 23	53 23	52 22	52 11	32 20	24 2	32 17	39 18	47.5 27.1		
FLEMINGSBURG 2	MAX MIN	56 31	56 41	63 32	67 51	63 32	47 19	42 27	34 15	36 24	50 35	45 35	59 36	36 22	36 13	35 22	42 25	57 25	48 41	37 37	52 39	39 35	43 28	35 25	48 23	43 31	33 19	47 18	31 13	20 1	25 14	35 10	43.7 26.5	
FORDS FERRY DAM 50	MAX MIN	56 39	61 47	70 43	67 46	48 29	52 26	42 29	43 24	44 30	43 29	52 34	54 19	27 20	38 28	40 30	56 34	49 41	45 40	48 34	35 29	42 30	35 25	49 30	38 28	55 30	43 27	30 34	27 10	30 10	36 15	37 28	45.1 28.9	
FRANKFORT LOCK 4	MAX MIN	52 19	59 27	62 35	68 43	69 36	42 21	52 21	46 19	37 18	42 28	47 36	53 36	58 19	30 14	40 21	38 26	57 33	56 39	49 39	52 35	35 30	50 26	35 25	38 26	52 21	40 25	32 18	33 3	52 7	24 14	33 7	45.5 25.3	
GLASGOW WKAY	MAX MIN	60 37	62 47	70 48	67 58	65 35	55 23	46 24	38 17	56 31	52 43	51 38	57 28	40 18	41 18	31 31	52 36	59 45	46 40	51 39	40 33	46 30	55 26	50 26	31 24	34 27	55 27	47 27	31 16	26 6	40 14	45 30	48.1 30.5	
GOLDEN POND 8 N	MAX MIN	56 35	63 43	69 45	69 59	68 36	54 21	51 22	41 18	49 32	52 41	43 36	56 27	30 13	39 16	42 33	55 37	57 39	50 39	39 33	49 29	59 38	51 28	51 25	38 25	58 29	56 31	34 18	32 6	42 11	42 18	49.6 28.9		
GRAYSON 1 SE	MAX MIN	51 17	58 25	55 40	61 40	67 37	43 18	50 17	44																									

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DAILY TEMPERATURES

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Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
IRVINGTON	MAX	58	62	69	69	56	52	46	37	45	49	43	55	28	41	39	52	55	43	48	47	41	53	48	32	34	54	50	28	25	33	43	46.3
	MIN	36	50	42	55	31	22	30	19	27	39	36	25	14	15	26	30	43	36	37	30	27	26	28	25	27	25	28	8	3	7	21	28.0
JACKSON	MAX	49	57	54	65	69	47	50	45	38	50	52	50	64	28	42	41	58	58	50	54	37	37	49	45	31	33	49	39	29	25	34	46.1
	MIN	17	27	39	41	40	22	22	16	16	31	44	39	24	15	19	29	33	49	42	35	31	26	25	27	23	15	15	24	4	6	16	26.2
LEITCHFIELD	MAX	59	60	69	68	62	53	44	36	47	49	44	54	28	37	40	52	54	46	48	36	41	54	48	30	38	57	44	27	26	36	46	46.2
	MIN	36	50	48	58	33	24	24	21	28	39	36	24	15	18	27	33	43	38	35	31	29	28	25	24	26	24	27	13	4	14	26	29.1
LEXINGTON W8 AIRPORT	MAX	57	58	65	67	53	49	40	37	46	50	47	57	28	38	38	52	55	47	50	34	35	51	40	29	31	50	42	24	21	29	40	43.9
	MIN	36	46	42	53	28	25	24	20	26	38	36	22	18	17	24	31	40	38	34	30	29	28	26	22	20	23	23	3	1	15	21	27.1
LONDON FAA AIRPORT	MAX	59	54	66	65	55	52	45	39	48	52	52	62	29	45	46	49	57	52	55	36	35	52	45	29	30	54	39	28	22	36	38	46.0
	MIN	28	40	39	52	29	28	24	15	30	44	44	27	17	15	29	36	47	44	36	31	26	21	26	24	15	17	28	9	3	20	22	27.9
LOUISVILLE	MAX	59	64	69	70	52	53	45	36	41	46	44	55	28	40	39	55	56	44	51	38	41	53	43	32	32	58	48	24	25	31	39	45.5
	MIN	34	48	42	51	32	26	31	25	26	37	36	21	16	20	31	31	41	37	36	31	30	29	30	29	29	26	24	6	9	18	24	29.2
LOUISVILLE W8 AP	MAX	56	60	69	70	52	51	42	35	41	45	45	55	28	40	38	56	57	43	50	37	40	52	44	32	31	54	47	24	24	31	39	44.8
	MIN	30	42	36	52	29	23	28	22	28	37	37	23	16	17	27	31	43	38	37	32	31	27	29	29	26	26	22	4	7	20	20	28.0
LOVELACEVILLE	MAX	54	68	70	66	56	55	50	41	47	40	38	57	30	37	41	54	55	45	49	39	48	47	43	33	39	54	50	33	33	37	48	47.0
	MIN	34	50	43	56	33	22	24	20	30	38	35	26	12	17	30	37	41	40	36	31	26	21	26	22	21	28	30	19	10	11	28	29.3
MAIDSONVILLE 1 SE	MAX	55	63	68	67	61	54	48	38	48	51	43	56	35	38	42	52	56	45	48	38	47	52	49	33	37	56	51	29	30	39	39	47.4
	MIN	33	49	40	55	35	24	30	19	30	38	35	25	14	18	29	34	43	39	37	32	30	26	26	25	27	20	28	10	8	12	24	28.9
MAMMOTH CAVE PARK	MAX	59	60	70	69	63	55	51	39	44	50	48	55	31	38	43	56	52	45	49	40	41	54	52	32	32	53	49	34	26	35	45	47.8
	MIN	39	53	48	59	31	20	27	16	30	43	37	30	16	14	30	35	44	38	39	33	29	28	28	23	26	24	32	14	2	11	22	29.7
MANCHESTER 4 SE	MAX	60	53	60	70	65	56	49	42	38	54	52	68	54	42	46	45	60	57	57	50		55	54	46	37	55	50	34	25	39	39	50.4
	MIN	25	31	41	43	41	25	24	13	27	37	45	44	21	15	26	36	45	46	41	31		20	29	31	25	14	27	18	2	20	24	28.9
MAYFIELD	MAX	55	67	70	70	58	45	40	44	47	44	45	42	31	39	41	55	53	46	44	39	48	51	44	30	38	54	52	31	33	38	47	46.5
	MIN	37	52	50	57	37	28	26	32	31	39	36	25	13	21	33	34	42	40	39	31	29	32	23	22	28	32	31	16	12	15	31	31.4
MAYSVILLE OAM 33	MAX	53	59	59	67	69	45	52	42	35	41	49	57	60	31	37	36	55	57	46	54	36	36	52	45	32	34	52	39	25	22	27	45.3
	MIN	20	27	36	36	36	20	20	17	17	25	36	37	21	15	17	25	30	40	40	35	31	30	29	27	22	18	22	15	4	9	7	24.6
MIDDLESBORO	MAX	58	52	63	63	64	58	52	43	41	55	55	61	60	44	51	49	57	58	57	50	42	53	47	36	33	48	44	35	26	39	35	49.3
	MIN	27	31	41	41	43	30	30	18	29	38	45	50	23	17	29	42	44	50	47	34	31	20	31	25	26	18	28	20	2	18	20	30.6
MONTICELLO	MAX	61	59	69	64	65	54	46	39	43	53	53	62	40	46	47	50	56	53	56	42	43	55	49	30	32	56	46	32	23	38	41	48.5
	MIN	34	38	44	57	37	27	25	15	31	42	42	40	20	16	30	36	47	44	42	33	30	23	30	24	24	20	32	20	3	16	23	30.5
MOUNT STERLING	MAX	58	58	65	67	63	51	47	38	35	51	47	59	39	38	40	48	56	51	54	45	36	51	48	37	34	51	49	34	21	31	39	46.5
	MIN	32	34	36	52	33	21	27	19	24	33	35	38	18	14	23	25	43	37	40	31	29	26	33	25	21	20	32	14	0	15	17	27.3
MURRAY	MAX	56	58	68	70	69	45	55	46	43	52	45	57	41	31	39	43	57	48	50	44	41	50	53	33	32	44	58	39	26	30		47.4
	MIN	35	52	45	47	37	27	27	26	30	40	37	37	13	18	28	34	38	39	41	34	31	30	31	25	29	29	36	23	11		29	32.3
OWENSBORO 2 W	MAX	53	63	70	70	56	53	44	39	43	47	43	52	30	40	42	46	50	44	46	37	45	51	45	31	34	56	50	27	27	35	40	45.5
	MIN	33	48	40	58	33	24	28	22	29	38	35	24	13	18	28	32	42	37	40	33	31	29	30	25	27	27	27	8	6	12	29	29.2
PAOUCAH FAA AIRPORT	MAX	55	66	68	65	47	53	43	37	45	46	49	54	30	37	41	55	46	46	48	37	47	48	35	31	38	53	35	28	32	35	47	45.1
	MIN	36	49	46	47	27	25	27	24	31	36	35	18	13	21	32	37	42	40	33	30	29	30	22	26	32	22	11	12	12	30	29.1	
PAOUCAH	MAX	55	65	69	67	63	53	49	39	47	41	42	55	28	38	42	53	55	45	49	38	48	49	46	31	38	58	52	33	35	44	45	47.5
	MIN	35	49	44	59	35	25	29	22	31	39	36	25	13	18	31	37	42	40	38	32	30	31	22	22	28	30	30	16	8	13	30	30.3
PARADISE STEAM PLANT	MAX	56	62	64	71	70	44	56	46	40	50	48	57	49	32	38	44	57	47	50	49	37	47	56	33	37	58	39	24	31	42		47.3
	MIN	22	32	42	44	35	22	24	18	20	33	34	39	14	15	27	30	36	40	38	34	30	26	28	25	26							

SNOWFALL AND SNOW ON GROUND

KENTUCKY
DECEMBER 1961

Station		Day of month																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
BARDSTOWN S J PREP SCH	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
BEAVER DAM	SNOWFALL SN ON GND																							1	1										
BENHAM	SNOWFALL SN ON GND									T	T										T	T	T	T	1.5	2	T	.5	5.0	.5	3	1			
BEREA COLLEGE	SNOWFALL SN ON GND												T											2.5	-			T							
BOWLING GREEN FAA AIRPORT	SNOWFALL SN ON GND																				T			2.0	1	T	T			.5	T				
CAMPBELLSVILLE	SNOWFALL SN ON GND									T				T										.5	T	T		T	T	T					
COVINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV									4.4	2	1	T	T	T						T	T	T		T	T	T	.9	.6	1.5	.2	.5			
CYNTHIANA	SNOWFALL SN ON GND									4.5	5	1.4	T												T	T	T		T	.4	1.4	T	T		
DANVILLE	SNOWFALL SN ON GND									1.0	1														1.0			.1	.3	.3	.7	.5	1		
DEWEY DAM	SNOWFALL SN ON GND																				T			1.0	1	1	1	T	1.0	1	1				
EDDYVILLE LOCK F	SNOWFALL SN ON GND																								.8	-							.5		
FARMERS	SNOWFALL SN ON GND									1.0	1														2.5	3	2	1		.4	.6	T	T		
FORDS FERRY DAM 50	SNOWFALL SN ON GND									-	1														T	.4	1	T		T	T	T	.3		
GEST LOCK 3	SNOWFALL SN ON GND									4.0	4	1													.5	1	T			.5	1	T			
HAZARD WATER WORKS	SNOWFALL SN ON GND																								1.0	1	.5	2	T	3.0	2	1	T		
HEIDELBERG LOCK 14	SNOWFALL SN ON GND									T	T				T										3.1	3	1		T				T	T	
HENDERSON 7 SSW	SNOWFALL SN ON GND									.5	T											T	T		.5	T			T	.2	T	T		T	
HOPKINSVILLE	SNOWFALL SN ON GND																								1.5	T			.5	1		.5			
IRVINGTON	SNOWFALL SN ON GND									.4															1.0	T	T	T	.5	.3	T	T	.2	.2	
LEXINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV									1.3	1			T	T							T	T		1.3	T	1	1	.3	.3	1.8	.1	T	1	
LONDON FAA AIRPORT	SNOWFALL SN ON GND									T				T											T	1.0	1	1	T	T	T	T	1.0	1	
LOUISVILLE WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV									5.0	3	-		T	T						T	T	T		1.8	.4	2	1	1	T	.1	1.7	T	.3	
MAMMOTH CAVE PARK	SNOWFALL SN ON GND									T															T	T	T		T	T	T		T	T	
MAYSVILLE DAM 33	SNOWFALL SN ON GND										1														-	-	T	T			-	-	-	1	
MIDDLESBORO	SNOWFALL SN ON GND													T												T	T	T		2.8	3	2	1	.6	1
MILLERSTOWN	SNOWFALL SN ON GND																								.3	T	T	T						.3	
MONTICELLO	SNOWFALL SN ON GND																								-	-	-	-	-	-	-	-	-	.4	T
MURRAY	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OWENSBORO 2 W	SNOWFALL SN ON GND									.5	1														.5	T	T	T	T	.3	.3	T	T	.3	
PADUCAH FAA AIRPORT	SNOWFALL SN ON GND																								1.0	1			T	T		T			
PIKEVILLE	SNOWFALL SN ON GND									T				T												1.5	1	.1	T	4.0	.1	T	.3		
RUSSELLVILLE	SNOWFALL SN ON GND																								T	4.1	2							4.0	2
SOMERSET 1 N	SNOWFALL SN ON GND													T												T	T			T	T	T	1.5	T	
SUMMER SHADE	SNOWFALL SN ON GND																								.5	1	T							1.0	
WILLIAMSTOWN 5 WSW	SNOWFALL SN ON GND									3.5	3	1.5	T		T											1.0	T	T	.8	T	1.0	1.5	2		

See reference notes following Station Index.

CLIMATOLOGICAL DATA

KENTUCKY
DELAYED DATA

Station	Temperature												Precipitation										
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										90° or Above	32° or Below	31° or Below	0° or Below										
JUNE 1961	79.9M	57.6M	68.8M		89	13	45	16	24	0	0	0	0	6.24		1.34	3	.0	0		9	4	4
JULY 1961	84.6M	64.1M	74.4M		90	23	51	10	0	1	0	0	0	7.20		1.37	31	.0	0		11	7	2
WEST LIBERTY	85.7M	59.6M	72.7M		92	6+	48	10+	2	7	0	0	0	9.44		2.00	30	.0	0		13	7	4
AUGUST 1961	83.8M	61.4M	72.6M		89	31+	50	14	0	0	0	0	0	2.19		1.03	18	.0	0		1	1	
WEST LIBERTY			M						0	3	0	0	0	3.98		1.18	10	.0	0				1
SEPTEMBER 1961	85.7M	M	M		94	23+	37	26			0	0	0					.0	0				
HINDMAN	84.2M	57.9M	71.1M		92	12+	39	16	45	10	0	0	0					.0	0				
MADISONVILLE 1 SE	83.7	59.5	71.6		91	11+	39	26	44	6	0	0	0	1.94		.54	8	.0	0		5	1	0
WOLF CREEK OAM	85.3	54.3	69.8		92	25+	37	16	49	12	0	0	0	1.52		1.01	1	.0	0		3	1	1
OCTOBER 1961	73.1	44.8	59.0		85	12	27	27	201	0	0	2	0	3.67	1.63	2.05	3	.0	0		6	1	1

DAILY PRECIPITATION

Station	Day of month																															Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
APRIL 1961																																
BUCKHORN	-	-	.45	.08		.15			.14	.61	.03	.12	.68	.02		.97	T	.06	.03			.06	.37	.05		1.40		T				-
MAY 1961																																
BUCKHORN	.85	.48				.25	1.50	.09	.63	.03	.10	.38			T			T	.10							T	T			.02		4.43
JUNE 1961																																
BUCKHORN				.15		.40		.02	1.30	.40	.08			.20	1.10	.55					.62	.18			T		.04					5.04
RICHMOND			1.34	.04		.31	.41	.12	1.05	1.05				T	1.13	.42					.37											6.24
JULY 1961																																
BUCKHORN			.28	T				.23				.12	.93	T	.80	1.54	.90	.40	T	.58	.50	.04		.65	T					.53	.63	8.13
RICHMOND			.50				.03					.83	.56	.05	.76	.78	.05	.12	T	1.13	.07	.40		.24						.31	1.37	7.20
WEST LIBERTY			.42	T	.28	1.15						1.01	T	.67	.59	.60	.49	.21	.36	1.13	.04	T	.05		T					2.00	.44	9.44
AUGUST 1961																																
BUCKHORN	.50	.22	.20			.03				.35	T	.03	T						.25		.03	.02		.09		.05						1.77
HINDMAN			.03			*		.27	.11									1.03			.32	.14	.12		.17							2.19
SEBREE				1.20	.10					.30	*	1.15				.30				.90			.30	.40	.30						.30	5.25
WEST LIBERTY	T		.89			T				1.18	.22	.62	.07					*			1.00											3.98
SEPTEMBER 1961																																
BENTON 2	.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BUCKHORN	.01					.16					.06				.25						.15	1.50	T			.09						2.22
HINDMAN				.07	.51	.02		.13		.01				.23						-	-					.02	.03					-
MADISONVILLE 1 SE	.31	.48	T			.06	.32	.54						.23																		1.94
OCTOBER 1961																																
BUCKHORN		.55	.75	.76										.22	T						.13	.10	T			.21						2.72
PIKEVILLE		.35	2.05	.02										.37						.27	.32	.16			.07						.06	3.67

See Reference Notes Following Station Index

DAILY TEMPERATURES

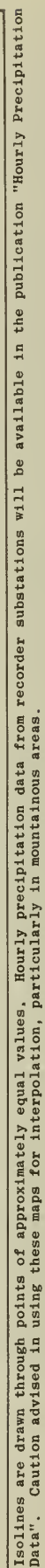
KENTUCKY
DELAYED DATA

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JUNE 1961																																	
RICHMOND	MAX MIN	81 58	85 66	86 64	80 55	81 58	82 61	84 63	81 65	84 63	75 63	85 61	87 66	89 67	81 68	85 50	61 45	69 50	77 51	80 52	81 49	80 59	71 57	74 59	77 48	77 50		75 53	80 55	84 55	86 59	79.9 57.6	
JULY 1961																																	
RICHMOND	MAX MIN	89 64	89 67	88 66		85 63	87 63	86 62	81 57	76 54	79 51	83 53	84 60	76 61	81 66	85 67	80 66	79 66	84 64	86 68	85 69	84 67	89 67	90 69	89 66	84 69	85 66	86 60	85 63	88 70	87 72	89 67	84.6 64.1
WEST LIBERTY	MAX MIN	90 58	92 62	91 65	85 50	87 53	92 62	85 63	83 56	79 48	79 48	80 49	84 53	74 63	80 66	87 59	80 64	78 60	83 61	89 63	86 64	87 64	90 65	90 64	91 65		87 63	88 58	89 56	87 58	89 65	88 64	85.7 59.6
AUGUST 1961																																	
BINDMAN	MAX MIN					83 61		83 64	82 63	81 65	85 59	88 66	80 66	80 67	84 50	86 54	87 65	87 53	87	84 57	75	74 61	78 60	84 58	82 62		85	86 63	89 64	88 65	87 64	89 64	83.8 61.4
WEST LIBERTY	MAX MIN	91 64	92 65	90 62	88 58	87 60	88 58	85 59	87 61	86 62	88 63	87 65	86 66	85 53	79 51	85 54																	
SEPTEMBER 1961																																	
BENTON 2	MAX MIN	88 68	92 74	90 71	94 67	90 61		91	90 65	89 65	90	91 64	90 67	85	82		76 38	78 40	76 42		80		90	94	92 60	80 60	76 37	84 44	69	85 42	87 55		85.7
HINDMAN	MAX MIN	86 66	90 63	90 64	87 68	90 68	91 64	89 65	89 64	91 64	92 64	90 60	92 65	90 63	78 59	83 52	63 39	74 41	75 53				86 52	87 58	90 58	87 50	73 46	76 43	77				84.2 57.9
MADISONVILLE 1 SE	MAX MIN	86 69	89 74	88 72	90 69	91 69	89 68	87 68	91 67	90 69	90 68	91 66	89 70	87 69	84 57	64 46	74 44	76 43	76 45	78 48	79 58	86 54	89 67	89 69	83 63	86 61	71 39	80 44	71 53	82 45	84 52		83.7 59.5
OCTOBER 1961																																	
PIKEVILLE	MAX MIN	82 52	69 48	54 48	67 44	74 43	76 45	80 48	79 52	80 53	82 54	84 52	85 53	84 55	58 47	62 34	73 40	81 40	81 45	76 45	46 39	65 41	64 50	76 42	79 42	79 43	61 38	62 27	74 30	83 34	76 45	75 60	73.1 44.8

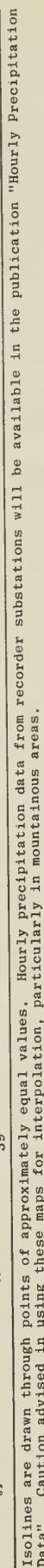
EVAPORATION AND WIND

Station		Day of month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
APRIL 1961																																	
BUCKHORN	EVAP WIND	- -	- 66	.23 88	.05 27	- -	.12 67	.09 64	.09 61	.16 35	.13 72	.04 64	.12 26	.14 94	.02 54	.16 52	.30 99	.22 158	.06 121	.06 36	.10 31	.18 51	.09 68	.15 78	.18 71	.32 119	.47 117	.19 45	.22 49	.21 108	.17 57	B4.74 B2119	
MAY 1961																																	
BUCKHORN	EVAP WIND	.24 55	.10 36	.19 47	.18 34	.19 31	.05 15	- 101	.09 43	- 109	.05 60	.11 42	.22 27	.15 34	.19 27	.18 36	.23 91	.12 31	.15 23	.10 45	.17 27	.22 30	.13 27	.19 28	.21 31	.22 31	.16 62	.13 60	.13 38	.24 34	.13 43	.24 24	B4.87 1322
JUNE 1961																																	
BUCKHORN	EVAP WIND	.22 32	.29 65	.30 83	.18 34	.26 19	.18 32	.22 24	.18 33	- 60	.13 48	.18 22	.22 17	.22 17	.16 37	.33 58	.13 38	.18 26	.19 18	.19 16	.23 20	.20 21	.09 23	.13 38	.22 58	.16 29	.19 30	.10 13	.19 19	.23 16	.29 17	B5.99 963	
JULY 1961																																	
BUCKHORN	EVAP WIND	.26 9	.16 18	.41 49	.16 37	.26 23	.22 22	.18 18	.17 19	.17 21	.21 23	.28 17	.12 13	.23 10	.12 45	.34 54	.39 43	.26 30	.18 38	.19 13	.29 53	.28 35	.26 18	.18 22	.36 13	.19 40	.22 35	.23 18	.18 11	.20 38	.20 12	.12 21	7.02 818
AUGUST 1961																																	
BUCKHORN	EVAP WIND	.32 20	.19 4	- 10	.20 16	.23 10	.22 8	.15 9	.14 1	.19 14	.19 17	.13 1	.19 53	.16 15	.19 21	.19 12	.21 9	.21 9	.19 14	.22 17	.19 14	- 17	.08 13	.10 19	.16 22	.13 21	.11 17	.13 12	.16 14	.16 18	.19 15	.18 15	B5.46 457
SEPTEMBER 1961																																	
BUCKHORN	EVAP WIND	.14 13	.22 41	.19 29	.19 23	.18 19	.16 20	.18 13	.18 15	.18 16	.22 13	.21 19	.18 16	.18 16	.15 25	.13 68	.13 34	.13 19	.14 20	.15 20	.12 7	.36 18	.14 25	.14 18	.12 13	.16 16	.21 44	.10 16	.11 12	.12 16	.11 9	4.98 633	
MADISONVILLE 1 SE	EVAP WIND	.14 31	.34 53	.28 42	.18 28	.28 7	.20 9	.09 20	.28 12	.14 9	.14 19	.19 22	.28 30	.27 30	.16 98	.16 46	.30 28	.28 13	.14 21	.08 15	.18 9	.24 24	.18 47	.20 50	.26 37	.24 21	.14 45	.14 15	.14 7	.12 15	.12 31	.12 12	5.90 807
WOLF CREEK DAM	EVAP WIND	.24 20	.14 21	.18 21	.15 9	.15 4	.19 10	.17 4	.22 9	.17 5	.15 5	.18 6	.13 9	.17 10	.42 76	.08 26	.17 26	.15 16	.16 25	.17 28	.20 7	.15 12	.20 14	.19 10	.11 10	.12 10	.17 5	.12 20	.15 20	.13 5	.13 5	5.06 443	
OCTOBER 1961																																	
BUCKHORN	EVAP WIND	.16 37	.25 28	.11 28	.06 11	.09 10	.12 17	.12 9	.13 5	.12 8	.13 9	.13 7	.12 14	.11 2	.19 45	.10 41	.11 23	.13 3	.11 6	.12 5	.10 40	.00 31	.03 26	.06 7	.09 7	.08 11	.15 38	.10 30	.10 -	.13 26	.09 15	.04 40	3.36 B 598

KENTUCKY
DECEMBER 1961



KENTUCKY
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STATION INDEX

KENTUCKY
DECEMBER 1961

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
							TEMP.	PRECIP.	EVAP.	SPECIAL									TEMP.	PRECIP.	EVAP.	SPECIAL	
ADDISON DAM 45	0031	BRECKINRIDGE	7	37 55	86 34	380	6A			C	CORPS OF ENGINEERS	LLOYD GREENUP DAM	4848	GREENUP	7	38 39	82 52	537	7A				CORPS OF ENGINEERS
ALBANY A M	0032	CLINTON	2	36 45	85 08	1000	7A			C	MRS. BARBARA M. COOL	LOCKPORT LOCK 2	4857	HEWES	4	38 26	84 58	485	7A				CORPS OF ENGINEERS
ANCHORAGE	0155	JEFFERSON	3	38 16	85 33	700	7P			C	CHARLES G. BARRET	LONDON	4882	CLARK	4	37 51	84 02	773					HUBERT BURGER
ASHLAND	0254	BOYD	3	38 27	82 36	855	7A			C	ASHLAND WATER PLANT	LONDON	4893	LAUREL	2	37 08	84 04	1195					KNOXVILLE FERTILIZER CO
BARBOURVILLE	0381	KNOX	2	36 52	83 53	1000	6P			C	UNION COLLEGE	LONDON FFA AP	4898	LAUREL	2	37 05	84 05	1191	MID				H. FED. AVIATION AGENCY
BARDSTOWN S J PREP SCH	0397	NELSON	8	37 48	85 28	631	5P			H	ST. JOSEPH PREP. SCHOOL	LOUISA 2	4946	LAWRENCE	1	38 07	82 36	585	8A				HAROLD C. FERGUSON
BAXTER	0450	HARLAN	2	36 51	83 20	1164	7A			C	C. HOMER NOLAN	LOUISVILLE	4949	JEFFERSON	7	38 14	85 46	462	MID				LOUISVILLE G. & CO.
BEAVER DAM	0490	OHIO	3	37 25	86 52	441	6P			C	E. G. YOUNG	LOUISVILLE BOWMAN FLD	4951	JEFFERSON	7	38 13	85 40	558					CORPS OF ENGINEERS
BENNAH	0595	HARLAN	2	36 58	82 57	1585	6P			C	C. C. WHITEAKER	LOUISVILLE WB AP	4954	JEFFERSON	7	38 11	85 46	474	MID				U.S. WEATHER BUREAU
BENTON	0611	MARSHALL	9	36 51	88 20	395				C	JAMES H. MILLER	LOUISVILLE WUPPER GAGE	4955	JEFFERSON	7	38 17	85 48	403	6A				CORPS OF ENGINEERS
BENTON 2	0615	MARSHALL	9	36 51	88 20	305	5P			C	RADIO STATION WCLB	LOVELACEVILLE	4967	BALLARD	6	36 58	88 50	370	5P				BLAINE MALONE
BEREA COLLEGE	0619	MADISON	4	37 34	84 18	1070	6P			C	JAMES A. GROSSMAN	LUCAS	5002	BARRON	3	36 53	86 02	738					WILLARD E. FOSTER
BEREA WATER WORKS	0624	MADISON	4	37 33	84 15	1010	7A			C	MRS. LAURA B. GABBARD	MADISONVILLE 1 SE	5067	HOPKINS	3	37 19	87 29	439	5P				HOMER WELBORN, JR.
BIRCHING	0752	LAWRENCE	1	38 02	82 52	690	8A			C	JOHN LEE BURTON	MANMOUTH CAVE PARK	5097	EDMONSON	3	37 11	86 05	800	5P				NATIONAL PARK SERVICE
BONNIEVILLE	0854	HART	3	37 23	85 54	684	5P			C	WILLIAM L. FERRISS	MANCHESTER 4 SE	5111	CLAY	4	37 06	83 43	850	6P				NORA S. WHITE
BOWLING GREEN	0904	WARREN	3	37 00	86 26	536	7A			C	JAMES R. EDWARDS	MARTIN	5171	FLOYD	1	37 34	82 45	660	7A				MRS. BETTY PREFLATSH
BOWLING GREEN SUBSTA	0907	WARREN	3	37 01	86 26	470	5A			C	TV-639	MAYFIELD	5210	GRAVES	6	36 44	88 39	366	6P	7A			MAYFIELD ELEC. & MTR. CO.
BOWLING GREEN FFA AP	0909	WARREN	3	36 58	86 26	535	MID			H	FED. AVIATION AGENCY	MAYFIELD DAM 33	5243	MASON	7	38 38	83 42	515	7A				CORPS OF ENGINEERS
BRENT DAM 36	0978	CAMPBELL	7	39 03	84 25	497	7A			C	CORPS OF ENGINEERS	MC KEE	5291	JACKSON	3	37 26	84 00	1000	8A				MRS. WINNIE M. MORAN
BROWNVILLE	1047	EDMONSON	3	37 32	87 16	402	7A			C	MRS. TEMPLE LOU SMITH	MC KINNEYSBURG	5301	PENOLTON	5	38 36	84 16	662					RICHARD T. SYMON
BUCKHORN	1080	PERRY	4	37 21	83 23	936	7A	7A		C	CORPS OF ENGINEERS	META	5370	PIKE	1	37 34	82 27	730					MRS. EDITH J. SMITH
BURDINE 2 NE	1120	PIKE	1	37 37	82 35	1643	8A	8A		C	EDWIN E. JOHNSON	MIDDLESBORO	5389	BELL	2	36 37	83 43	1130	5P	7A			MRS. LELA M. HERRELL
BURNSVILLE	1137	CUMBERLAND	2	36 47	85 22	600	7A	7A		C	MARVIN M. LEE	MIDDLESBORO SEWAGE PL	5394	BELL	2	36 38	83 43	1130					CITY OF MIDDLESBORO
CADIZ LOCK E	1206	TRIGG	2	36 46	87 38	384	7A	7A		C	CORPS OF ENGINEERS	MIDWAY	5407	WOODFORD	7	38 09	84 41	911					CITY OF MIDWAY
CALHOUN LOCK 2	1227	MC LEAN	3	37 32	87 16	402	7A	7A		C	CORPS OF ENGINEERS	MILLERSBORO	5430	BOURBON	5	38 18	84 09	789					CITY WATER WORKS
CAMPBELLVILLE	1256	TAYLOR	3	37 20	85 21	771	6P	6P		H	ALVA MC KINLEY	MILLERSTOWN	5438	GRAYSON	3	37 27	85 03	588	7A				M. OVA M. LAWLER
CANEVILLE	1294	GRAYSON	3	37 25	86 30	600	7A	7A		C	G. V. COX SR.	MONTICELLO	5524	WAYNE	2	36 50	84 50	928	6P	7A			ALVIN L. BERTRAM
CARROLLTON LOCK 1	1345	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS	MONTICELLO STATE COLLEGE	5555	ROWAN	5	38 11	83 26	770					PROF. HENRY C. HAGGAN
CECILIA	1406	HARDIN	8	37 40	85 57	734	7A	7A		C	WILLIAM S. VERTREES	MOUNT STERLING	5640	MONTGOMERY	5	38 04	83 56	930	5P	5P			FRED CARTMILL
CLAY CITY 1 WNW	1576	POWELL	4	37 52	83 56	712	7A	7A		C	JOEL W. MOUNT	MUNFORDVILLE	5684	HART	3	37 16	85 53	610	7A				KENNETH EARL WALTERS
CLERMONT 1 SSE	1611	BULLITT	8	37 55	85 40	540	5P	5P		C	BERNHEN FOUNDATION	MURRAY	5694	CALLOWAY	9	36 36	88 20	622	9A	9A			MURRAY STATE COLLEGE
CLINTON	1631	NICKMAN	6	36 41	89 00	390	5P	5P		C	WOODSON D. FRANKLIN	OLIVE HILL 2 WNW	6013	CARTER	7	38 19	83 12	895					GEORGE E. DUAL
COBE	1663	CALDWELL	2	36 59	87 47	490	7A	7A		C	MRS. BENJIE B. WHITE	ONEIDA	6028	CLAY	4	37 16	83 39	750	7A				MRS. ANNA L. BROWN
COLLEGE HILL LOCK 11	1704	ESTILL	8	37 47	84 06	611	7A	7A		C	CORPS OF ENGINEERS	ONEIDA DAM 35	6033	CAMPBELL	7	38 58	84 18	512					CORPS OF ENGINEERS
CONVINGTON WB AIRPORT	1855	ROONE	7	39 04	84 40	869	MID	MID		C	U.S. WEATHER BUREAU	OWENSBORO 2 W	6091	DAVIESS	7	37 46	87 09	420	6P	7A			M. VIRGIL O. CLARK
CUMBERLAND FALLS ST PK	1969	WHITLEY	2	36 50	84 19	1070	5P	5P		C	KY. DEPT. OF CONSV.	OWENSBORO DAM 46	6096	DAVIESS	7	37 47	87 07	404	6A				CORPS OF ENGINEERS
CYNTHIANA 1 E	1998	HARTSON	5	38 23	84 18	684	7A	7A		C	H. MARSHALL HILL	PAIDUCAN FFA AIRPORT	6115	MC CRACKEN	7	37 06	86 36	325					WESTERN P. LACKEY
CYNTHIANA 2	2003	HARTSON	5	38 23	84 17	719	8A	8A		C	KY. CARDINAL DAIRY	PAIDUCAN	6115	MC CRACKEN	7	37 06	86 36	325					CITY OF PAIDUCAN
DANVILLE	2040	BOYLE	4	37 39	84 46	955	7A	7A		C	R. P. COLDRON	PAIDUCAN SEWAGE PLANT	6117	MC CRACKEN	7	37 06	86 36	325					JESSE FAIRCHILD
DAVEVILLE	2053	MARTIN	1	37 48	82 32	700				C	EVA M. DAVIS	PAINTSVILLE	6136	JOHNSON	1	37 49	82 48	620	7A				JOHN L. LAIR
DELPHIA 1 E	2132	PERRY	4	37 02	83 07	1660	8A	8A		C	THOMAS M. GRAHAM	PARADISE STEAM PLANT	6136	JOHNSON	1	37 49	82 48	620	7A				U.S. WEATHER BUREAU
DEMA	2139	KNOX	1	37 25	82 48	850				C	HATTIE B. GRAHAM	PARADISE STEAM PLANT	6136	JOHNSON	1	37 49	82 48	620	7A				FLOYD PARTIN
DEWEY DAM	2150	FLOYD	4	37 45	82 47	653	7A	7A		C	CORPS OF ENGINEERS	PAIDUCAN	6136	JOHNSON	1	37 49	82 48	620	7A				ALTON M. HARVILL
DIX DAM	2214	MERCER	4	37 48	84 43	870	4P	7A		C	PHILLIP O. THACKER	PRINCETON	6555	CALDWELL	2	37 06	87 53	929	5P				CORPS OF ENGINEERS
DUNDEE 4 SE	2258	OHIO	3	37 33	86 43	431	7A	7A		C	JESSE L. HUFF	RAVENNA LOCK 12	6679	ESTILL	4	37 40	83 57	634	7A				JOHN L. LAIR
DUNNIP	2366	MUNLEMBERG	3	37 05	87 00	592	7A	7A		C	N. D. GIVENS	RENFRO VALLEY	6748	ROCK CASTLE	2	37 23	84 20	1060	5P				THOMAS C. HERNOON
DYER	2391	BRECKENRIDGE	3	37 43	86 13	793	7A	7A		C	LENA BLAIR	RICHMOND	6805	MAISON	4	37 44	84 18	1122	8A				CORPS OF ENGINEERS
EDDYVILLE LOCK F	2445	LYON	2	37 03	88 05	420	7A	7A		C	CORPS OF ENGINEERS	ROCHESTER LOCK 3	6882	OHIO	3	37 13	86 54	401	7A				MRS. GLADYS TALLEY
EDMONTON	2469	METCALFE	3	37 00	85 37	865	7A	7A		C	JOHN E. MORAN	RUSSELLVILLE	7049	LOGAN	3	36 51	86 53	900	6P	7A			TV-483
ELIZABETHTOWN	2510	HAROH	3	37 41	85 52	739	6P	6P		C	RADIO STATION WIEL	SAIDVILLE	7074	SCOTT	4	38 23	83 33	791					MRS. TRESSIE A. RALSTON
ELKHORN CITY	2528	PIKE	1	37 18	82 21	800	7A	7A		C	EDMOND G. BENNETT	ST. MARY	7096	MARION	8	37 35	85 21	743					JOHN B. BAUER
ELKTON 2 S	2548	TODD	2	36 47	87 10	520	7A	7A		C	S. RICHARD ANDERSON	SALVISA LOCK 6	7121	WOODFORD	5	37 54	83 05	859					CORPS OF ENGINEERS
FALMOUTH	2775	PENITENT	5	38 40	84 20	560	6P	7A		C	FRANK H. LAWSON	SALVISA LOCK 8	7129	MAGOFFIN	5	37 45	83 05	859					STANLEY GARDNER
FARMERS	2791	ROWAN	5	38 09	83 33	668	4P	7A		C	MRS. C. C. STAMPER	SALVISA LOCK 8	7129	MAGOFFIN	5	37 45	83 05	859					FORREST C. WILLIS
FLEMINGSBURG	2903	FLEMING	5	38 25	83 43	656	7A	7A		C	MRS. ALVITA B. HALL	SALVISA LOCK 8	7129	MAGOFFIN	5	37 45	83 05	859					NOBLE ALLEN
FLEMINGSBURG 2	2908	FLEMING	5	38 25	83 45	911	6P	MID		C	WILLIAM H. FISCHER	SALVISA LOCK 8	7129	MAGOFFIN	5	37 45	83						

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

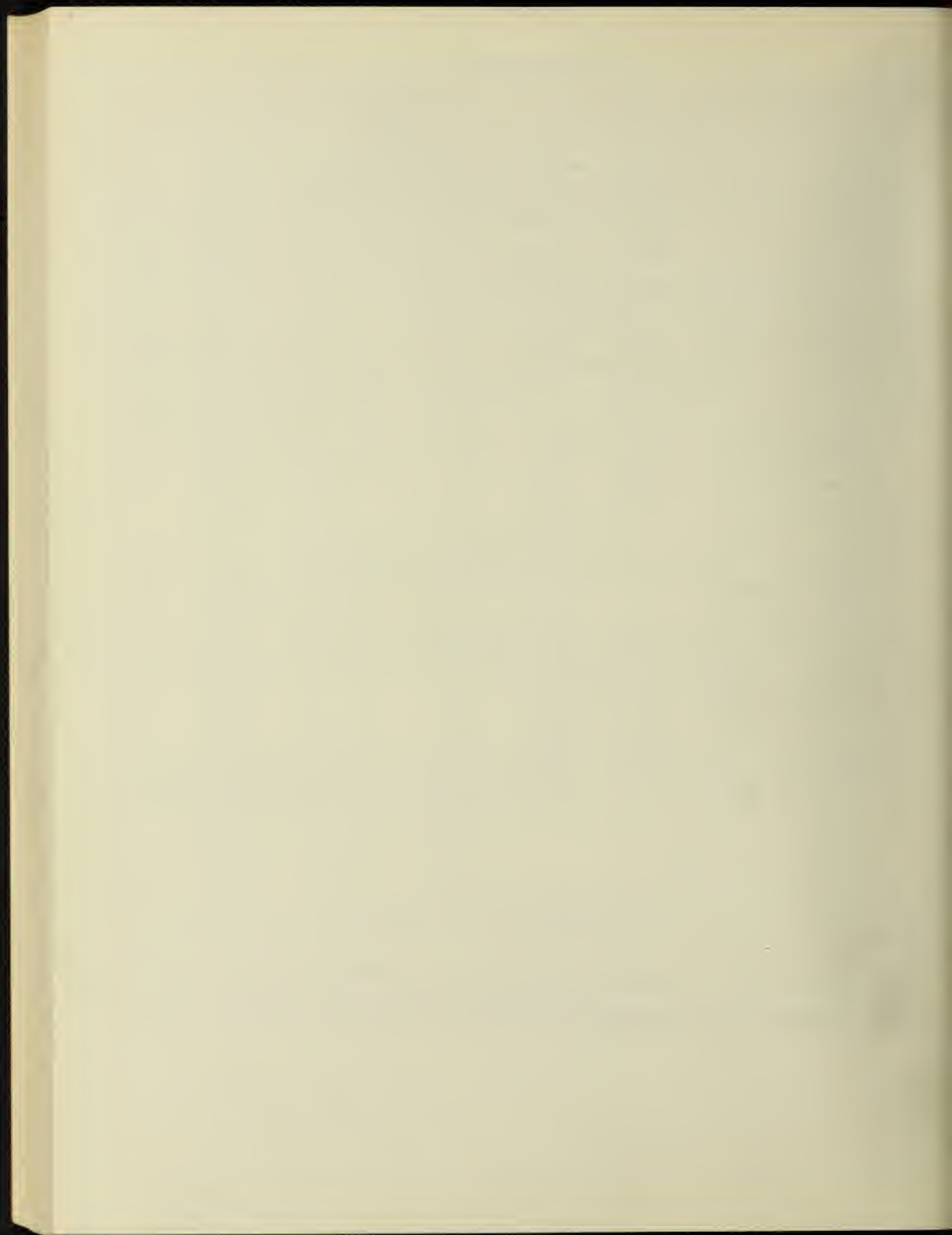
X Observation time is 1:00 a.m., EST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.



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U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

ANNUAL SUMMARY 1961
Volume 56 No. 13



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AVERAGE TEMPERATURES AND DEPARTURES FROM LONG-TERM MEANS

KENTUCKY
1961

Table 1

STATION	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
AODISON DAM 45	29.1		40.7		48.2		50.2		60.1		69.3		73.9		71.5		69.0		54.1		42.0		32.0		53.3	
ANCHORAGE	28.4	- 6.4	39.7		47.8	3.5	49.5	- 4.8	59.5	- 4.1	68.9	- 3.7	73.8	- 2.3	72.8	- 1.9	70.4	2.0	57.4	- .3	44.7	- .3	35.7	- .1	54.1	- 1.2
ASHLAND	29.7	- 8.0	41.2	2.6	49.3	3.3	50.1	- 6.1	59.7	- 5.6	68.9		72.8	- 4.3	73.3	- 2.5	71.1	1.2	56.2	- 2.7	45.2	- 1.4	35.5	- 2.8	54.1	- 1.2
BARBOURVILLE	33.0M		45.1M		51.5M		51.7M		62.2M		69.5M		74.1		72.9M		71.0M		55.9M		49.1M		39.1M		56.2	
BARDSTOWN S J PREP SCH	29.5		40.8		49.3		50.8		60.5		70.5		74.2		72.9M		70.7		58.0		46.6		37.7		55.2	
BAXTER	29.3		42.2		48.8		48.7		59.0		68.6		73.2		74.2		70.8		55.7		48.1		37.3		54.7	
BEAVER DAM	31.3		43.0		51.1		52.7		62.2		70.8		74.4		74.4		71.8		59.6M		46.9		38.5		56.5	
BENHAM	28.9		43.5		48.9		48.3		58.1		68.2M		73.5M		72.0		70.0		56.2		49.6M		40.1		54.8	
BENTON 2	30.4M		42.6		50.7M				60.9		69.4		74.4		74.4M		70.0		58.2M		46.8M		38.7M		54.8	
BEREA COLLEGE	31.5M	- 6.7	43.5M	4.2	51.0M	4.0	51.0M	- 5.8	60.9	- 4.6	69.9M	- 4.0	75.6	- 1.4	74.1	- 1.7	71.7	1.9	59.3	- 2.7	47.9	- 1.5	38.7	- 1.1	56.2	- 1.1
BLAINE 1 W	28.4		38.9		46.4		47.6		57.9		68.1		73.7		73.8		70.1M		56.3		44.6		35.1		54.8	
BONNIEVILLE									60.2M		70.0		74.3M		73.3		70.2		56.3		46.0		37.0		54.8	
BOWLING GREEN FAA AP	31.0	- 7.7	43.2	2.7	50.1	1.6	51.6	- 6.7	62.2	- 5.1	71.6	- 4.8	76.9	- 2.5	75.3	- 2.7	72.6	1.0	58.6	- 1.6	47.5	- 2	38.5	- .7	56.6	- 2.2
CAMPBELLSVILLE	31.7		44.2		50.7		51.9		61.3		70.8		75.2		74.7		72.1		58.4M		48.0		38.7		56.5	
CYNTHIANA 2	29.4		40.7		49.6		50.5		60.1		70.0		75.3		73.4		70.8		58.2		46.5		36.1		55.0	
CECILIA	26.9	- 9.1	39.6	2.0	47.4	2.1	48.5	- 7.0	59.2	- 5.5	69.2	- 4.6	74.2	- 2.8	72.6	- 2.9	69.6	2	55.5	- 2.8	45.4	4	37.9		56.6	
CLERMONT 1 SSE	31.5		42.2		50.5		52.2		62.0		71.4		76.6		75.1		73.1		59.6		47.2		37.9		56.6	
COVINGTON WB AIRPORT	27.8	- 4.0	38.7	4.8	46.5	4.8	48.4	- 3.7	59.3	- 3.2	70.1	- 1.7	75.4	3	74.4	9	71.8	4.5	58.1	2.1	44.2	8	33.5	- .1	54.0	4
DANVILLE	28.2		40.1		47.2		47.8		58.2		68.5		73.5		72.1		69.8		56.8		46.1		36.4		53.7	
DEWEY DAM	28.7		40.3		48.3		48.5		58.2		68.6		74.3		74.7		72.2		57.0		47.0		36.7		54.5	
DIX OAM	31.2		42.5		50.2		51.3		61.1		70.6		75.4		74.5		72.4		59.7		48.3		38.6		56.3	
ELIZABETHTOWN	30.1		41.3		49.8		51.2		60.6		69.7		74.4		73.5		70.1M		56.5		45.9		35.5		54.2	
FALMOUTH	28.2		40.0		48.5		49.3		58.9M		69.4		74.0		74.0		70.8	2.8	57.2	- 2	46.3	1.3	37.3	1.0	54.8	- .9
FARMERS	28.9	- 7.9	40.8M	2.9	49.1	3.6	50.0	- 5.2	59.8	- 4.6	69.5	- 3.1	74.0	- 1.7	74.0	- 1	70.8	2.8	57.2	- 2	46.3	1.3	37.3	1.0	54.8	- .9
FLENINGSBURG 2	27.5		39.7		47.7		48.7		58.8		68.5		73.9		72.3		69.9		56.3		45.3		35.1		53.6	
FORDS FERRY DAM 5D	32.6		41.3		49.5M		52.0		61.2		72.4		76.9		75.6		72.7		59.8		46.5		37.0		56.4	
FRANKFORT LODCK 4	27.7	- 8.9	39.6	1.7	46.7M	1.3	48.6	- 6.6	59.1	- 5.4	69.2	- 5.0	74.7	- 3.0	74.1	- 2.1	71.1	1.3	56.4	- 2.1	45.2	- .6	34.3	- 2.0	54.0	- 2.6
GLASGOW WKAY	32.3		44.0		51.2		52.4		61.8		70.9		75.7		74.8		72.7		58.5		47.8		39.3		56.8	
GOLDEN POND 8 N	32.9		44.4		51.8		52.8		62.0		71.2		76.0		75.2M		71.1M		58.8M		47.4		39.3M		56.8	
GRAYSON 1 SE	26.5		38.2		46.7		47.7		57.5		66.2		74.0		73.6		70.6		55.7		44.2M		34.8		53.0	
GREENSBURG	29.0	- 8.6	40.8	1.6	49.0	2.2	50.3	- 6.3	60.1	- 5.4	70.0	- 4.5	74.9	- 2.7	74.2	- 1.9	71.0	1.3	56.5	- 1.6	47.1	1.3	37.0	- 1.2	55.0	- 2.1
GREENVILLE 2 W	32.2	- 5.3	43.2	3.6	51.1	3.6	52.5	- 4.6	61.5	- 3.9	71.2	- 3.4	75.9	- 2.0	74.8	- 1.9	71.9	1.8	59.2M	- 1	47.6	8	38.7	2	56.7	- .9
HEIDELBERG LODCK 14	30.4		42.5		50.3		50.7		59.9		69.3		73.8		73.9		70.5		55.9		48.7		38.2		55.3	
HENDERSON 7 SSW	31.4	- 6.1	41.2	2.4	49.9	3.1	52.4	- 4.5	61.7	- 4.4	71.7	- 4.0	76.6	- 2.3	75.0	- 2.3	72.5	1.8	60.4	3	48.7	1	36.8	- .8	56.4	- 1.3
HICKMAN 1 E	31.6		43.2		50.3		52.8		63.0		72.8		75.0		75.4		72.4		59.3		47.8		38.0		56.8	
HINDMAN	30.7		43.4		50.7		50.4M		59.2M		67.0M		72.0M		72.6M		71.1M		56.1M		46.3M		38.4M		54.8	
HOPKINSVILLE	30.0	- 8.1	41.8	1.6	49.7	1.8	52.6	- 5.1	62.6	- 4.0	71.7	- 3.9	76.3	- 2.5	75.0	- 2.8	72.0	8	58.4	- 1.7	46.6	- .4	37.3	- 1.7	56.1	- 2.2
HYDEN	29.8		42.5		50.1		51.4		60.8		69.1M		74.2M		73.8		71.9		57.4		48.1		38.4		56.2M	
INEZ																										
IRVINGTON	30.6	- 6.1	41.7	3.1	49.8	3.3	51.3	- 5.3	61.7	- 3.9	71.5	- 3.0	77.0	- .9	75.2	- 1.2	72.9	2.8	59.1	- 1	46.3	2	37.2	- .4	56.2	- 1.0
JACKSON																										
LEITCHFIELD	31.7	- 5.7	42.6	3.4	49.9	2.9	51.3	- 5.5	61.8	- 4.0	71.0	- 3.6	76.0	- 1.9	74.5	- 2.1	72.4	2.1	59.0	- 5	46.7	1	37.7	- .6	56.2	- 1.3
LEXINGTON WB AIRPORT	27.8	- 6.1	40.7	4.7	47.0	2.7	48.7	- 5.8	59.3	- 4.8	70.1	- 2.9	75.6	- 1.0	74.1	- .9	71.9	2.4	58.4	- 2	45.3	5	35.5	- .4	54.5	- .9
LONDON FAA AIRPORT	28.4		42.5		48.3		48.9		59.2		68.1		72.2		71.2		69.6		54.9		46.8		37.0		53.9	
LOUISVILLE	30.6		40.8		49.2		51.7		62.0		71.9		79.0		77.2		74.2		60.7		47.1		37.4		56.8	
LOUISVILLE WB AP	28.8	- 6.1	39.1	1.9	47.6	2.0	49.2	- 6.8	59.0	- 6.3	68.9	- 5.3	76.5	- 1.4	75.1	- 1.0	73.0	2.8	57.9	- 7	45.2	- .5	36.4	- .5	54.7	- 1.8
LOVELACEVILLE	32.0	- 6.1	43.5	2.9	51.0	2.3	53.0	- 5.4	62.7	- 4.4	72.5	- 3.9	77.2	- 2.1	75.6	- 2.8	72.4	1.0	59.5	- 1.3	47.3	1	38.2	- .9	57.1	- 1.7
MADISONVILLE 1 SE	31.8		43.0		50.7		52.9		62.4		71.6		76.1		74.8		71.6		59.4		47.4		38.2		56.8	
MAMMOTH CAVE PARK	31.7		44.0		51.4		53.1		61.5		69.2		74.1		73.1		71.5		59.2		47.8		38.6		56.2	
NANCHESTER 4 SE	31.9		43.9		51.3		51.1		60.7		69.7		74.4		74.2		71.3		57.0		49.2		39.7M		56.2	
MAYFIELD	33.4		44.5		51.3		53.6		63.3		73.1M		76.6		74.0		73.0		60.2		48.0		39.0		57.6	
MAYSVILLE DAM 33	26.7	- 9.0	37.9	1.4	45.9	1.8	46.7	- 7.4	57.1	- 6.3	67.6	- 5.2	73.4	- 2.9	72.7	- 2.0	69.9									

TOTAL PRECIPITATION AND DEPARTURES FROM LONG-TERM MEANS

KENTUCKY
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TABLE 2

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ADOISON DAM 45	1.57	-3.24	5.29	1.64	6.41	1.20	4.78	.75	9.54	5.57	4.42	.69	5.87	2.36	4.88	1.64	.59	-2.67	2.13	-.27	4.77	1.63	4.09	.67	54.34	9.97
ALBANY 4 N	2.76		4.71		4.72		4.78		2.81		5.56		5.86		4.07		1.32		1.54		4.81		6.79		49.73	
ANCHORAGE	1.98	-2.52	4.79	1.89	7.32	2.45	6.67	2.58	9.95	5.93	4.69	.66	6.75	3.08	1.84	-1.70	2.20	-.83	2.23	-.31	4.39	1.26	3.78	.47	56.59	12.96
ASHLAND	3.02	-.91	2.79	-.09	4.29	-.09	4.16	.74	4.03	.15	5.41		7.38	6.98	3.07	-.42	.93	-1.69	2.89	1.03	2.31	-.42	5.76	.94	E3.76	9.60
BARBOURVILLE	E3.63		5.53		4.85		4.93		3.28		5.41		7.38		2.51		1.24		2.61		2.69		5.78		E51.40	
BARSTOWN S J PREP SCH	E2.28		4.15		6.47		5.94		8.87		4.63		4.12		4.59		1.04		1.29		3.59		4.46		E51.43	
BAXTER	3.52		5.53		4.03		4.99		3.62		4.61		5.59		1.57		1.52		3.07		3.33		6.25		47.63	
BEAVER DAM	1.51		4.73		5.23		4.40		7.26		8.80		6.81		2.86		1.33		2.64		5.97		4.33		55.87	
BENHAM	3.82		5.60		4.83		6.41		4.39		3.67		7.56		4.59		3.19		3.88		2.89		5.77		56.60	
BENTON 2	E1.31		6.13		9.17		E7.20		E6.15		4.92		3.69		2.11		E1.31		E		5.30		4.51		E52.32	
BEREA COLLEGE	2.18	-2.90	2.73	-.91	4.81	-.15	4.98	1.17	4.33	.50	7.14	2.34	6.14	1.15	6.89	2.72	.60	-2.16	1.00	-1.21	E2.81	-.47	E4.85	1.29	E48.46	1.37
BEREA WATER WORKS	2.83		3.50		4.88		5.42		4.81		7.78		8.16		6.21		.93		1.41		3.63		5.86		55.42	
BLAINE 1 W	E3.69		E1.69		E2.96		4.37		4.20		5.79		12.20		3.51		2.35		3.72		2.42		E5.05		E51.95	
BONNIEVILLE									6.73		5.80		4.36		4.03		2.27		1.13		3.39					
BOWLING GREEN	1.65		5.20		5.44		5.70		5.51		10.38		4.24		1.04		2.04		2.92		4.47		6.61		55.20	
BOWLING GREEN SUBSTA	1.85		5.45		5.40		5.16		6.38		10.02		3.94		1.65		2.71		2.92		4.20		6.10		55.78	
BOWLING GREEN FAA AP	1.41	-4.41	5.40	1.37	5.11	-.52	5.01	.97	5.10	1.29	5.44		3.21	-1.06	2.80	-1.31	1.19	-2.00	3.94	1.60	2.92	-.55	5.47	1.05	50.58	1.87
BRENT OAM 36	2.23	-1.57	3.82	.99	5.10	.77	4.05	.52	7.08	3.64	2.27	-1.86	7.06	3.55	1.85	-1.47	1.72	-1.16	2.29	.09	3.53	.70	3.34	.64	44.40	4.84
BROWNVILLE LOCK 6	2.11	-3.42	5.38	1.27	5.26	-.13	5.49	1.37	5.60	1.88	5.84	1.52														
BROWNVILLE	-																									
BUCKHORN	-								4.43		5.04		8.13		1.77		2.22		2.72							
BURDINE 2 NE	3.42		5.22		3.80		5.05		2.83		5.13		8.00		3.77		1.73		3.14		2.73		5.10		49.92	
BURKESVILLE	2.82		4.25		6.17		4.59		3.42		5.67		5.41		3.61		1.66		1.61		6.19		6.63		52.03	
CAOIZ LOCK E	1.91		7.17		7.43		4.77		6.00		3.27		4.69		3.03		.55		1.14		5.71		4.06		55.18	
CALHOUN LOCK 2	2.29		4.84		5.34		5.81		6.85		4.14		4.69													
CAMPBELLVILLE	2.08		4.65		5.12		5.53		7.25		6.39		5.55		5.99		1.52		1.46		3.20		4.94		53.68	
CANEVILLE	1.82		4.42		6.59		5.08		7.91		4.89		5.08		3.16		2.15		2.34		4.82		4.83		53.09	
CARROLLTON LOCK 1	2.01	-2.02	4.10	1.27	5.75	1.19	4.32	.57	6.86	3.57	3.27	-.57	8.19	4.76	3.34	-.26	1.69	-1.20	1.54	-.78	3.42	.46	3.03	.36	47.52	7.35
CEDARVILLE	E1.77	-3.77	E4.77	1.00	7.36	2.24	5.80	1.46	8.18	4.09	3.72	-.41	7.83	3.87	4.47	.79	1.09	-1.68	1.72	-.74	4.29	1.01	E4.05	.19	E55.05	8.05
CLAY CITY 1 WNW	2.51		3.32		4.51		5.98		4.49		8.17		6.45		3.38		.34		.73		E3.49		4.18		E47.55	
CLERMONT 1 SSE	2.37		4.50		6.32		7.37		9.83		5.91		3.52		2.74		1.42		1.69		3.70		3.94		53.31	
COBB	1.52		6.83		6.39		5.66		6.39		5.75		5.18		1.97		1.78		2.93		6.06		5.15		53.61	
COLLEGE HILL LOCK 11	2.84	-1.77	3.59	.18	3.66	-1.01	5.54	2.05	3.88	.23	7.61	3.35	8.35	3.50	3.76	-.27	.73	-1.99	1.25	-.72	3.70	.53	4.47	1.12	49.38	5.20
COVINGTON W8 AIRPORT	1.87	-1.53	3.56	1.01	4.76	.72	2.81	-.78	7.31	3.86	2.28	-1.76	5.11	1.36	1.07	-2.27	.97	-2.00	1.88	-.29	3.36	.33	3.39	.56	38.37	-.79
CUMBERLAND FALLS ST PK	3.06		4.71		5.93		5.83		3.49		5.16		5.65		3.16		.93		2.93		3.50		6.36		48.31	
CYNTHIANA	2.43	-1.90	4.03	.95	5.25	.36	6.00	2.12	6.91	3.58	5.41	1.73	5.47	1.86	3.10	-.20	1.35	-1.33	.62	-1.32	3.60	.48	3.78	.79	47.95	7.12
CYNTHIANA 2	E2.62		E3.76		E6.99		6.17		6.75		5.57		4.85		2.98		1.44		E3.67		E2.93		5.14		E48.40	
DANVILLE	2.33	-2.95	3.99	.23	4.37	-.50	5.94	2.14	6.38	2.24	5.61	1.01	5.88	1.56	5.37	1.47	1.90	-1.10	.62	-1.24	3.42	.20	5.03	1.54	51.16	4.60
DELPHIA 1 E	E3.98		E4.22		E6.09		3.36		4.67		E3.64		7.05		4.07		2.91		3.05		2.93		5.54		E48.04	
DEWEY DAM	4.64		3.82		3.70		4.97		3.30		5.50		7.05		4.07		2.72		3.96		2.51		4.92		51.16	
DIX DAM	2.01		3.44		4.81		6.14		5.22		7.67		7.84		2.41		1.42		.99		3.11		4.29		49.35	
DUNOEE 4 ESE	1.87		5.24		5.88		5.34		6.57		5.95		5.24		3.99		3.93		2.45		5.39		4.40		53.55	
DUNMORE	2.06		4.51		E5.61		E5.25		6.64		7.42		5.84		1.82		1.36		1.24		5.06		4.74		E53.16	
EDDYVILLE LOCK F	2.13		6.22		4.83		6.79		6.86		6.15		5.84		1.82		1.36		1.24		5.06		4.74		50.06	
EDMONTON	1.90		4.87		5.29		4.20		4.13		6.42		3.86		1.05		1.77		1.13		4.45		7.42		46.49	
ELIZABETHTOWN	1.65		3.90		7.65		5.38		9.06		2.71								.06				4.77		52.76	
ELKHORN CITY	2.75		3.80		4.26		5.11		3.82		5.80		10.02		3.31		2.63		3.60		2.89		6.07		53.29	
ELKTON 2 S	1.42		6.75		6.20		5.53		5.85		5.11		4.62		2.85		2.03		2.86		5.00		6.07		53.29	
FARMERS	2.79	-1.23	3.67	.56	5.30	.39	4.79	.84	7.55	3.79	4.37	.22	9.15	5.14	3.03	-.11	1.58	-1.16	1.38	-.79	3.02	-.28	3.87	.85	50.46	8.22
FLEMINGSBURG	2.70	-2.00	2.94	-.26	4.80	-.39	5.79	1.81	5.83	1.89	4.59	.23	6.64	2.13	6.51	2.54										

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TABLE 2 - CONTINUED

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual		
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	
HAYSVILLE OAM 33	2.95	-1.39	3.36	.12	5.93	1.12	5.70	1.86	7.00	3.38	5.31	1.19	8.40	.408	4.19	- .05	1.22	-1.90	.76	-1.56	3.07	.05	3.35	.15	51.24	7.05	
MCKEE	3.02		5.30		5.39		5.60		3.85		5.37		7.17		3.99		.85		3.44		3.02		3.32		53.00		
MIDDLESBORO	3.37		7.27		4.73		5.54		3.74		5.22		4.81		2.86		1.48		2.08		4.45		7.45		93.00		
MIDWAY	E 2.13		E3.47		E5.97		6.78		8.16		5.81		5.66		4.14		1.81		.75		3.34		3.85		E51.87		
MILLERSTOWN	1.75		5.02		5.51		E4.86		6.01		3.64		4.59		3.19		1.07		2.44		3.24		5.56		E46.88		
MONTICELLO	2.96		4.48		4.94		6.02		3.28		5.11		7.21		5.50		1.54		1.35		3.28		6.40		52.77		
MOUNT STERLING	1.98	-2.86	E3.95	.54	4.82	- .25	6.41	2.31	5.73	1.66	4.69	.20	4.48	- .65	3.46	- .27	1.64	-1.33	.76	-.54	E3.37	.37	4.06	-.52	E46.35	- .30	
MOUNT VERNON	1.25		5.08		5.29		5.19		6.10		7.19		8.88		8.50		1.70		1.66		3.38		6.62		E59.75		
MUMFORDVILLE	E1.44	-3.83	E9.67	5.60	8.32	2.58	6.14	1.93	6.24	2.16	4.02	.70	4.45	.81	2.08	-1.31	1.17	-2.13	E2.38	-.49	E4.33	.70	7.53	3.32	E57.77	10.04	
MURRAY																											
OLNEY	2.44		5.76		5.45		6.44		6.53		4.45		6.66		5.51		2.58		1.59		5.88		4.72		56.56		
ONEIO	3.42		4.23		4.51		4.73		6.27		4.93		5.51		1.21		2.43		2.59		1.80		6.14		45.02		
ONEONTA DAM 35	1.73	-1.99	3.32	.62	5.11	.91	4.42	.82	6.87	3.42	4.93	1.00	9.81	6.13	2.79	-.04	1.68	-1.17	1.04	-1.00	3.79	1.03	3.00	.37	48.49	10.10	
OWENSBORO 2 W	1.72	-3.10	4.55	1.29	5.33	.01	6.05	1.93	9.26	5.43	3.02	-.88	3.86	.51	3.65	.23	2.71	-.50	1.48	-1.02	4.22	.87	E3.71	.50	E49.56	5.27	
OWENSBORO DAM 46	2.00	-2.80	4.08	.72	5.75	.51	6.12	1.93	9.26	5.44	4.00	.20	4.26	1.20	3.47	-.02	2.03	-1.11	1.37	-1.06	4.44	1.15	3.54	.40	50.26	6.56	
PAOUKAA FAA AIRPORT	1.77		5.59		9.17		5.97		7.65		6.00		3.69		4.58		.56		1.24		6.74		4.49		57.45		
PADUCAH	1.40	-3.60	5.02	1.12	6.36	1.08	6.04	1.66	7.65	3.43	6.21	2.51	5.56	2.53	3.98	.68	1.14	-3.22	1.34	-1.41	7.19	3.47	3.07	-.48	53.76	7.77	
PAINTSVILLE	4.66		3.97		4.10		4.30		3.06		5.74		7.85		4.36		1.50		3.22		2.16		6.13		51.05		
PARAISO STEAM PLANT	2.03		5.17		5.42		5.71		6.00		5.15		3.80		2.42		1.81		2.70		5.46		4.42		50.07		
PIKEVILLE	4.29	.56	5.11	1.54	6.12	-.55	5.46	2.09	3.33	-.75	6.43	1.98	10.12	5.23	1.80	-2.09	1.40	-1.45	3.67	1.63	2.51	-.07	5.66	2.46	53.90	10.56	
PINEVILLE	3.43		5.92		4.62		6.49		3.29		4.96		5.31		2.85		1.07		2.71		3.09		6.35		50.09		
PRINCETON	1.44	-3.76	6.04	2.06	5.88	- .20	10.20	6.09	7.25	3.28	3.95	.01	6.58	3.27	3.74	.35	1.68	-1.40	2.07	-.65	4.71	1.25	5.41	1.59	58.75	12.29	
RAVENNA LOCK 12	2.57	-1.93			6.46	-.27	4.61	.98	3.13	-.43	5.62	1.54		9.17	6.08	6.81	2.34	.51	-1.44	1.86	-.07	3.27	.01	4.36	1.40	49.62	5.16
RENFRO VALLEY																											
RICHMOND	2.58		3.95		4.03		6.67		4.69		6.24		7.20		3.36		1.32		1.07		3.83		5.20		50.14		
ROCHESTER LOCK 3	1.78		4.94		6.41		5.73		6.49		6.69		4.11		2.39		2.83		3.30		4.84		5.04		54.51		
RUSSELLVILLE	1.96	-3.48	5.98	1.85	5.36	.12	6.25	2.28	6.57	2.95	7.43	3.55	4.13	-.26	3.56	.19	2.44	-1.16	2.90	.70	4.80		5.04		54.51		
RUSSELLVILLE SUBSTA	1.80		5.66		5.56		6.26		6.54		7.11		3.61		3.58		2.80		2.68		5.57	1.32	7.32		58.49	10.54	
SALVIA LOCK 6	2.26	-3.20	4.43	.67	5.69	.36	6.21	2.25	6.59	2.76	5.79	1.40	5.92	2.08	1.92	-2.13	1.59	-1.68	1.28	-.96	3.39	.02	4.57	1.11	49.64	2.68	
WALTERSVILLE 2 SE	4.01		3.74		4.62		4.70		3.37		6.30		9.82		3.07		2.49		3.17		2.10		5.78		53.17		
SCOTTSVILLE	1.56		5.16		5.71		5.02		5.35		9.66		6.27		2.22		.40		2.31		5.67		7.44		56.77		
SCOTTSVILLE 2 SW	2.25		6.35		5.06		4.36		5.08		9.18		4.04		1.36		.76		2.06		4.51		5.81		50.82		
SEBREE	E2.02		E3.62		6.00		5.60		9.25		3.80		3.90		5.25		2.80		1.65		E5.20		3.49		E52.88		
SHANNEY STEAM PLANT	2.20		5.81		6.09		5.49		9.25		7.76		4.49		2.78		7.74		1.77		7.98		4.16		57.09		
SHAVETSVILLE	2.06	-3.01	4.03	.53	7.50	1.91	6.22	1.89	9.99	5.93	4.10	-.39	4.26	.51	2.78	-.89	2.84	-.06	1.96	-.46	3.51	.00	4.17	.54	53.42	6.50	
SHEPHERSVILLE	2.70		E4.27		6.44		5.30		7.72		5.10		7.23		4.63		.92		1.60		E4.45		5.04		54.41		
SOMERSET 3 M	2.72		4.48		5.32		4.31		4.02		4.31		5.81		4.71		1.97		1.80		2.96		4.72		47.22		
SPRINGFIELD	2.44		3.58		5.02		5.33		6.63		7.16		3.11		5.51		3.26		3.10		5.19		4.10		48.88		
STEARNS	2.92		4.88		6.02		3.90		4.14		6.39		4.92		1.54		2.36		1.98		3.94		7.08		50.07		
SUMNER SHADE	2.05		E4.55		5.46		4.16		3.84		8.33		5.71		2.40		1.49		1.53		5.54		6.87		E51.93		
SUMNER SHADE SUBSTA	2.43		4.69		5.87		3.92		4.07		7.02		7.11		2.09		2.43		1.62		5.70		7.16		54.11		
TAYLORSVILLE	2.34		4.63		6.05		7.27		8.54		6.49		4.71		2.45		1.31		2.21		3.99		4.28		54.27		
TURKEY CREEK SCHOOL	1.80		7.70		6.98		4.13		6.76		4.14		3.94		2.33		4.19		3.49		5.46		5.71		56.63		
TYNOME LOCK 5	2.12	-2.80			.67	.02	.87	5.60	2.48	7.93	4.31	6.32	4.43	7.95	3.93	2.94	-.85	1.73	-1.15	1.16	-1.12	4.11	.79	4.01	.44	54.13	10.00
UNIONTOWN OAM 49	1.59	-2.77	3.93	.86	5.36	.61	5.01	.89	9.33	5.52	4.06	.79	5.05	1.76	4.68	1.36	2.50	-.79	.43	-1.49	6.04	2.88	3.57	.65	51.95	9.55	
VALLEY VIEW LOCK 9	2.17	-2.81	3.76	.11	3.94	-.80	7.03	3.55	5.83	2.12	6.94	2.50	6.96	1.91	4.61	.57	1.18	-1.87	.94	-.99	3.31	.02	4.38	.96	51.05	5.27	
VANCEBURG OAM 32	2.95	-3.58			7.14		5.86		5.20		5.96		6.12		2.63		1.22		1.20		E4.20		E5.20		E52.85		
WARSAW MARKLAMO OAM	2.06	-2.03	4.59	1.39	5.65	.83	4.29	.33	6.56	3.21	6.21	.16	9.26	5.51	2.02	-1.50	1.32	-.98	1.95	-.33	2.56	-.44	3.21	.09	46.24	2.98	
WAYNESBURG 7 ME	3.17		4.30		4.80		5.01		5.24		6.94		7.27		4.30		1.32		1.97		1.92		3.64		57.71	5.95	
WEST LIBERTY	3.51		3.48		4.70		4.71		4.87		6.27		9.44		3.98		E1.98		2.44		2.04		4.92		E52.34		
WILLIAMSBURG 2	3.25	-1.45	5.24	1.05	5.27	.30	3.79	.12	3.21	-.82	4.91	1.16	4.89	.08	3.01	-.79	1.52	-1.08	2.77	.32	3.61	.39	5.4	2.29	46.25	.77	
WILLIAMSTOWN 5 SW	2.69	-1.74	3.35	.10	6.08	1.06	5.80	1.78	7.77	3.90	5.31	1.29	6.44	2.65	2.47	-.83	.95	-2.07	1.46	-.84	4.41	1.27	4.14	1.13	50.7	7.70	
WILLOW LOCK 13	3.47	-1.62	3.72	-.37	4.81	-.43	4.62	1.11	4.11	.38	6.40	2.07	9.06	1.45	8.37	.405	1.19	-1.57	2.46	.39	2.79	-.67	6.02	2.45	57.02	9.94	
WOLF CREEK OAM	E2.97		4.67		5.48		4.38		3.06		4.22		4.27		4.22		1.52		1.30		5.73		6.19		E48.01		
WOODBURY LOCK 4	1.87	-3.52	4.47	.64	5.72	.48	5.31	1.26	6.35	2.64	4.92	.94	4.54	.77	2.67	-.95	2.25	-1.13	2.92	.48	4.64	1.12	5.23	1.36	50.89	4.09	
DIVISIONAL AVERAGES																											
WESTERN	1.87	-3.23	5.58	1.74	6.47	1.08	6.22	2.03	7.13	3.16	5.23	1.42	4.56	.77	2.97	-.447	1.52	-1.70	1.92	-.73	5.68	2.19	4.82	1.00	53.97	7.26	
CENTRAL	1.93	-3.35	5.71	1.01	6.25	.92	5.25	1.19	7.25	3.32	5.74	1.54	5.49	1.42	3.58	-.08	1.29	-1.77	1.83	-.60	4.24	.88	5.16	1.31	52.72	5.79	
BLUE GRASS	2.28	-2.55	3.71	.24	5.42	.45	5.48	1.59	6.60	2.81	4.91	.66	6.51	2.03	3.35	-.41	1.32	-.42	1.25	-1.02	3.32						

See Reference Notes Following Station Index

TEMPERATURE EXTREMES AND FREEZE DATA

KENTUCKY
1961

Table 3

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates									
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below		20° or below		24° or below		28° or below		32° or below	
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.		
ADOLSON DAM 45	91	8-2+	-2	1-29+	2-5	16	2-27	20	2-27	20	4-2	28	4-19	32	10-15	31	10-27	26	11-9	20	11-9	20	12-9	16	307	255	255	208	179					
ANCHORAGE	92	9-6+	-11	1-28	2-4	6	2-26	19	4-2	23	4-11	26	5-2	30	10-15	30	10-27	25	11-7	23	11-9	20	11-29	16	298	256	219	199	166					
ASHLAND	97	9-14	-16	1-28	2-4	16	2-6	20	2-6	20	4-8	24	5-27	30	10-15	30	10-27	20	10-27	20	10-27	20	11-29	14	297	259	202	177	151					
BARBOURVILLE	93	9-10	-10	1-28	2-5	11	2-10	20	4-8	24	4-11	28	5-27	30	10-15	30	10-27	20	10-27	20	10-27	20	11-29	14	297	259	202	177	151					
BARSTOWN S J PREP SCH	94	8-11	-13	1-28	2-4	2	2-6	17	4-2	24	4-19	28	5-27	31	10-4	30	10-15	27	10-27	23	11-9	18	11-29	14	298	276	208	179	130					
BAXTER	91	9-8+	-5	1-29+	2-5	13	2-10	20	3-17	24	4-9	28	5-27	32	10-27	23	10-27	23	10-27	23	11-29	17	12-26	16	324	292	224	201	153					
BEAVER DAM	92	7-30	-16	1-28	2-4	6	2-26	19	4-11	27	4-29	31	5-27	32	10-15	30	10-27	24	10-27	24	11-9	19	12-8	16	307	256	243	199	169					
BENHAM	93	8-2	-6	1-22	2-5	15	3-17	19	4-8	22	5-3	28	5-28	32	10-26	31	10-27	21	10-27	21	11-9	19	11-30	15	298	237	202	177	151					
BENTON 2	94	9-23+	-10	1-28	2-5	10	2-5	10	2-26	22	4-2	26	5-27	32	10-4	32	10-15	27	10-27	22	11-9	17	12-13	13	311	277	243	196	130					
BEREA COLLEGE	92	8-2+	-5	1-28	2-5	13	2-6	17	3-17	24	4-8	27	4-11	29	10-27	31	11-8	27	11-9	22	11-28	15	11-28	15	296	295	237	214	199					
BLAINE 1 W	93	9-12+	-17	1-29+	2-7	16	3-17	20	4-8	22	4-20	25	5-27	30	10-26	30	10-27	20	10-27	20	10-27	20	11-9	16	275	224	202	190	152					
BONNIEVILLE	97	9-6	-	-	-	-	-	-	-	-	-	-	-	-	5-27	32	10-4	32	10-15	28	10-27	20	10-27	20	11-9	16	-	-	-	-	-	-		
BOWLING GREEN FAA AP	95	9-11+	-11	1-28	2-4	12	2-26	20	2-26	20	4-2	28	4-11	29	10-26	31	10-27	26	11-9	24	11-29	20	12-28	18	327	276	256	208	198					
CAMPBELLVILLE	93	9-8	-6	1-28	2-4	6	2-5	18	2-26	23	4-11	28	4-19	31	10-27	24	10-27	24	10-27	24	11-29	16	11-29	16	296	263	201	166	130					
CARROLLTON LOCK 1	93	7-1	-9	1-28	2-4	16	2-5	19	4-2	24	4-11	27	5-3	32	10-27	25	10-27	25	11-9	21	11-29	17	12-13	16	312	293	221	199	177					
CECILIA	94	7-31	-14	1-27	2-5	11	2-25	19	4-2	24	4-11	25	5-2	32	10-15	29	10-27	22	10-27	22	11-9	19	11-29	15	297	257	208	199	166					
CLERMONT 1 SSE	95	9-6+	-11	1-28	2-4	4	2-26	20	2-26	20	4-11	26	5-27	31	10-15	29	10-27	24	10-27	24	11-9	20	11-29	14	298	256	243	199	141					
COVINGTON W8 AIRPORT	94	7-31+	-3	1-28+	2-4	16	2-6	20	4-2	23	4-11	26	5-2	32	10-27	30	11-7	27	11-9	23	11-29	19	12-13	14	312	296	221	199	178					
CYNTHIANA 2	94	9-1+	-21	1-28	2-6	15	2-6	15	4-2	24	5-2	28	5-27	31	10-4	30	10-15	28	10-27	17	10-27	17	11-29	16	296	263	201	166	130					
DANVILLE	92	9-11	-4	1-29+	2-5	12	2-6	19	3-18	24	4-9	28	5-2	32	10-15	32	10-27	27	11-9	22	11-29	15	11-29	15	297	296	236	201	166					
DEWEY DAM	93	9-25+	-13	1-28	2-6	15	2-7	19	4-12	24	4-20	28	5-3	32	10-15	32	10-27	28	11-9	24	11-29	17	12-13	16	312	296	257	199	165					
DIX DAM	92	9-24	-1	1-22	2-4	8	2-6	20	2-25	23	4-11	27	4-16	31	10-15	30	10-27	24	10-27	24	11-9	20	11-29	14	298	256	243	199	141					
ELIZABETHTOWN	94	9-11+	-11	1-28	2-6	15	2-6	20	4-2	23	4-11	26	5-2	32	10-15	29	10-27	22	10-27	22	11-9	20	11-29	14	298	256	243	199	141					
FALMOUTH	94	7-1	-12	1-28	2-4	13	2-6	18	2-10	21	4-14	28	5-3	31	10-15	30	10-27	22	10-27	22	11-9	19	11-29	14	298	276	259	196	165					
FARMERS	92	7-6	-17	1-28	2-6	14	2-6	14	4-8	24	4-20	28	5-27	31	10-15	31	10-27	21	10-27	21	11-9	17	11-29	10	296	276	202	190	141					
FLEMINGSBURG 2	91	7-2+	-11	1-28	2-4	9	2-6	18	3-17	24	4-11	28	5-27	32	10-15	32	10-27	24	10-27	24	11-9	20	11-29	12	298	276	224	199	141					
FORDS FERRY OAM 50	96	6-30	-3	1-28	2-5	11	2-6	17	2-10	21	4-2	27	4-11	32	11-3	32	11-7	27	11-29	23	12-12	19	12-13	13	311	309	292	219	206					
FRANKFORT LOCK 4	93	8-2	-9	1-29+	2-5	16	2-6	20	2-6	20	4-9	28	5-2	32	10-15	32	10-27	25	10-28	24	11-10	20	11-29	15	297	277	264	201	166					
GLASGOW WKAY	93	9-24	-9	1-28	2-4	7	2-5	19	2-26	22	4-11	27	5-27	31	10-15	29	10-27	22	10-27	22	11-9	19	12-13	13	312	272	244	208	141					
GOLDEN POND 8 N	-	-	-12	1-28	2-4	5	2-10	20	2-25	24	4-2	26	5-27	31	10-15	29	10-27	24	10-27	24	11-9	19	12-13	13	312	272	244	208	141					
GRAYSON 1 SE	94	7-24	-13	1-28	2-6	16	2-7	17	2-7	17	4-20	28	5-27	32	10-27	23	10-27	23	10-27	23	11-29	14	11-29	14	296	295	262	190	153					
GREENSBURG	92	9-25+	-11	1-28	2-5	8	2-26	20	2-27	22	4-11	26	5-27	31	10-15	31	10-27	24	10-27	24	11-9	19	11-29	16	297	256	242	199	169					
GREENVILLE 2 W	93	8-30	-9	1-28	2-4	7	2-5	19	2-26	21	4-11	27	4-29	32	10-15	30	10-27	26	11-7	23	11-9	20	12-13	14	312	277	254	199	169					
HEIDELBERG LOCK 14	92	7-31	-14	1-28	2-6	14	3-17	20	4-8	22	4-20	28	5-27	30	10-15	30	10-27	21	10-27	21	11-9	18	11-29	13	312	297	232	190	141					
HENDERSON 7 SSW	94	9-6	-4	1-28	2-5	13	2-26	19	2-26	19	4-2	25	4-16	31	10-15	30	10-27	27	11-7	23	12-13	12	12-13	12	311	290	254	208	182					
HICKMAN 1 E	95	8-2+	-2	1-28	2-4	15	2-5	19	2-26	24	4-20	26	4-7	32	10-15	32	10-27	24	10-27	24	11-9	20	12-12	12	312	277	243	231	191					
HINOMAN	92	9-12+	-13	1-28	2-5	15	2-6	15	2-27	21	4-20	27	4-16	32	10-15	32	10-27	28	11-9	21	12-13	14	12-13	14	312	277	243	231	191					
HOPKINSVILLE	95	8-3	-8	1-28	2-5	11	2-26	19	2-27	21	4-2	27	4-16	32	10-15	32	10-27	28	11-9	21	12-13	14	12-13	14	312	277	243	231	191					
HYOEN	93	9-13+	-	-	-	-	-	-	-	-	-	-	-	-	10-27	23	10-27	23	10-27	23	11-9	20	11-29	16	-	-	-	-	-	-	-	-		
INEZ	-	-	-12	1-28	2-6	14	2-6	14	4-8	23	4-20	27	5-27	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
IRVINGTON	94	9-10+	-7	1-28	2-4	8	2-26	20	4-2	24																								

TOTAL EVAPORATION AND WIND MOVEMENT

KENTUCKY
1961

Table 4

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
BUCKHORN	EVAP	-	-	-	B4.74	B4.87	B5.99	7.02	B5.46	4.98	3.38	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	B2119	1322	963	818	457	633	B 598	-	-	-
DEWEY DAM	EVAP	-	-	-	-	B4.04	B4.64	B4.82	4.77	4.26	2.28	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	-	B 378	224	207	B 131	163	B 257	-	-	-
DIX DAM	EVAP	-	-	-	B4.67	5.41	B5.72	B6.63	5.33	5.12	3.71	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	B3109	1542	936	1159	703	790	1333	-	-	-
MADISONVILLE 1 SE	EVAP	-	-	-	3.98	B6.68	B7.25	B7.24	B6.24	5.90	-	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	2532	1655	1211	1017	589	807	-	-	-	-
WOLF CREEK DAM	EVAP	-	-	-	-	4.55	B4.87	5.26	B5.52	5.06	3.15	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	1236	719	B 393	394	371	443	555	770	-	-

CHANGES IN STATION NAMES

NEW NAME	OLD NAME	DATE
ASHLAND	ASHLAND DAM	June 1961
DUNDEE 2 SE	DUNDEE BARRETT'S FORD BR	March 1961
DUNDEE 4 ESE	DUNDEE 2 SE	December 1961
GREENSBURG 1 S	GREENSBURG HIWAY G1 BR	April 1961
KEENE 1 SSW	KEENE 1 NNE	February 1961
LA GRANGE 2 NNW	LA GRANGE 1 SW	January 1961
LLOYD GREENUP DAM	GREENUP DAM 30	August 1961
MARTIN	MARTIN 1 SSW	November 1961
TOMPKINSVILLE WTR WKS	TOMPKINSVILLE	February 1961

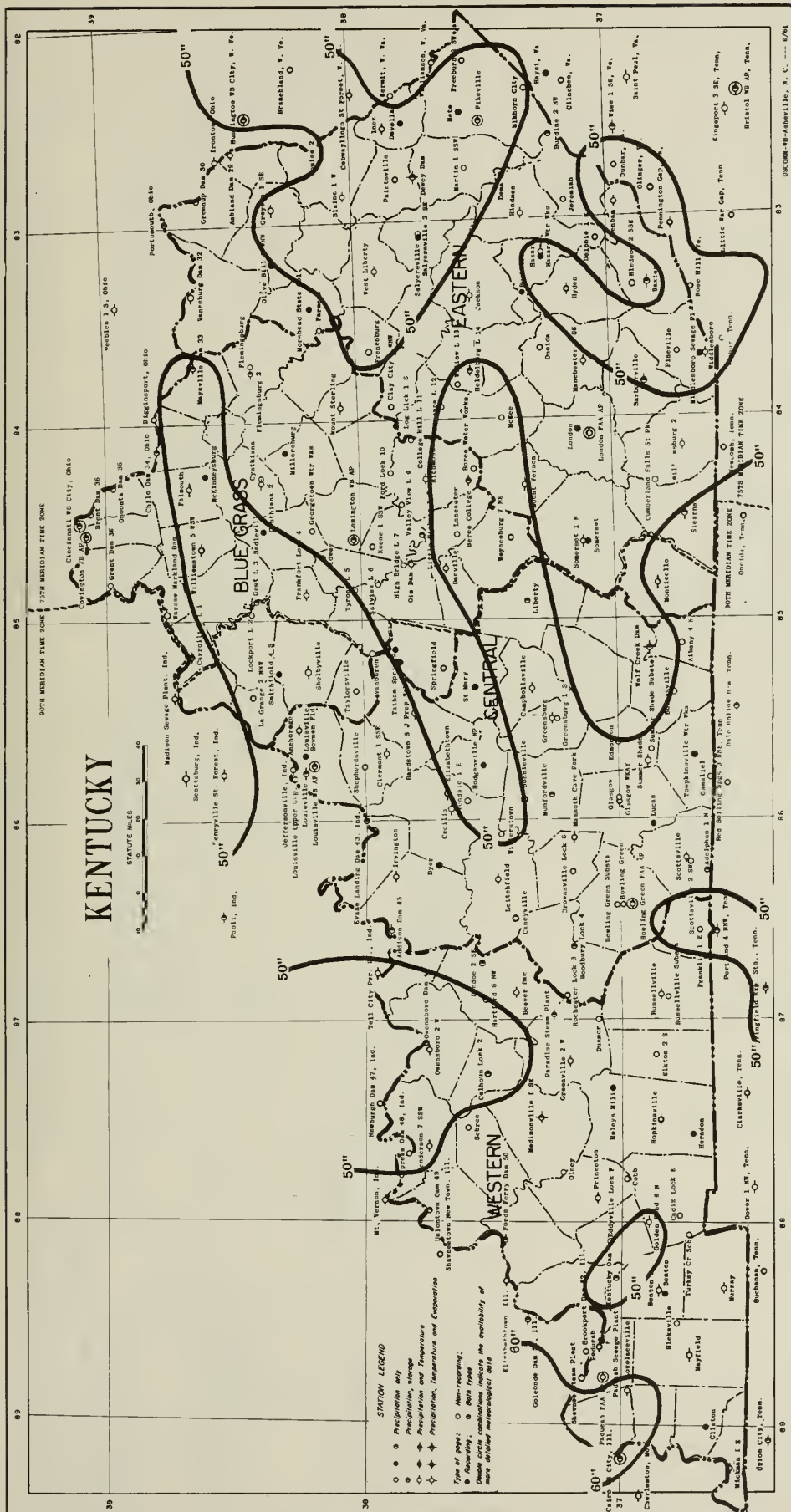
RELOCATION AND CHANGES OF EQUIPMENT

ASHLAND	All equipment moved 1/4 mile W	June 14, 1961
BEAVER DAM	Rain gage moved 60 feet S	May 25, 1961
BONNIEVILLE	Temperature and rain gage equipment moved 100 feet S	December 28, 1961
BUCKHORN	Evaporation and rain gage equipment installed	April 1, 1961
DAVELLA	All equipment moved 1.4 miles N	June 14, 1961
DELPHIA 1 E	All equipment moved 1/4 mile W	August 30, 1961
DUNDEE 2 SE	All equipment moved 0.2 mile NE	March 28, 1961
FARMERS	All equipment moved 40 feet W	June 13, 1961
FRANKLIN 1 E	Rain gage moved 30 feet S	May 26, 1961
GOLDEN POND 8 N	Temperature and rain gage equipment moved 70 feet SE	October 19, 1961
GREENSBURG 1 S	All equipment moved 0.2 mile S	April 1, 1961
GREENUP DAM 30	All equipment moved 4.0 miles NW to Lloyd Greenup Dam	August 12, 1961
HYDEN	Temperature equipment installed	April 6, 1961
IRVINGTON	Temperature and rain gage moved 1000 feet NE	September 26, 1961
JACKSON	Temperature equipment installed	April 3, 1961
LA GRANGE 2 NNW	All equipment moved 3.1 miles NNE	January 11, 1961
LIBERTY	Recorder moved 12 feet NNW	April 27, 1961
MARTIN 1 SSW	Rain gage moved 100 feet S	September 23, 1961
MARTIN	All equipment moved 0.7 mile N	November 24, 1961
MUNFORDVILLE	All equipment moved 1.0 mile NE	October 3, 1961
SEBREE	All equipment moved 200 yards S	November 21, 1961
STEARNS	Temperature equipment installed	June 1, 1961
TATHAM SPRINGS	All equipment moved 400 yards SSE	October 1, 1961
VANBUREN	All equipment moved 300 feet NW	April 24, 1961

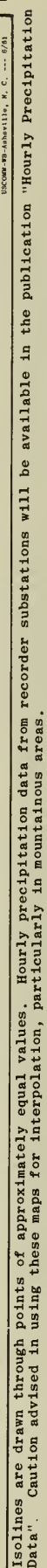
See reference notes following Station Index

TOTAL PRECIPITATION

KENTUCKY
1961



KENTUCKY
1961



STATION INDEX

KENTUCKY
1961

Station	Index No.	County	Drainage ¹	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.	Refer to tables	
							Temp.	Precip.	Evap.			
ADOLSON DAM 4 S	31	BRECKINRIDGE	7 37 55	86 34	380	2	34				1 2 3	C
ALBANY 4 N	63	CLINTON	2 36 45	85 08	1000	11					1 2	
ANCHORAGE	155	JEFFERSON	7 38 16	85 33	700	63	64				1 2 3	
ASHLAND	254	BOYD	7 38 27	82 36	555	48	49				1 2 3	C
BARBOURVILLE	381	KNOX	2 36 52	83 53	1000	12	16				1 2 3	C
BARSTOWN S J PREP SCH	397	NELSON	8 37 48	85 28	631	12	12				1 2 3	
BAXTER	490	HARLAN	2 36 51	83 20	1164	10	21				1 2 3	C
BEAVER DAM	490	OHIO	3 37 25	86 52	441	54	54				1 2 3	
BENHAM	595	HARLAN	2 36 48	85 27	1585	16	16				1 2 3	C
BENTON	611	MARSHALL	9 36 51	88 20	395							
BENTON 2	615	MARSHALL	9 36 51	88 20	305	6	6				1 2 3	
BEREA COLLEGE	619	MADISON	4 37 34	84 18	1070	60	60				1 2 3	C
BEREA WATER WORKS	624	MADISON	4 37 33	84 15	1010	15					1 2 3	C
BLAINE 1 W	752	LAWRENCE	1 38 02	82 52	690	6	6				1 2 3	
BONNIEVILLE	854	HART	3 37 23	85 54	684	6	6				1 2 3	
BOWLING GREEN	904	WARREN	3 37 00	86 26	536	37					2	
BOWLING GREEN SUBSTA	907	WARREN	3 37 01	86 26	470	80	80				1 2 3	
BOWLING GREEN FAA AP	909	WARREN	3 36 58	86 26	535						1 2 3	C
BRENT DAM 36	978	CAMPBELL	7 39 03	84 25	497	37					1 2 3	C
BROWNVILLE LOCK 6	1046	EDMONSON	3 37 12	86 16	405	45					1 2 3	C
BROWNVILLE	1047	EDMONSON	3 37 12	86 16	557	0					2	
BUCKHORN	1080	PERRY	4 37 21	83 23	936	1					2 4C	
BURDINE 2 NE	1120	PIKE	1 37 13	82 35	1643	10					2	
BURKESVILLE	1137	CUMBERLAND	2 36 47	85 22	600	11					2	
CADIZ LOCK E	1206	TRIGG	2 36 46	87 58	384	-					2	
CALHOUN LOCK 2	1227	MC LEAN	3 37 32	87 16	402	44					2 C	
CAMPBELLVILLE	1256	TAYLOR	3 37 20	85 21	771	17	17				1 2 3	
CANEYVILLE	1294	GRAYSON	3 37 25	86 30	600	4					1 2 3	C
CARROLLTON LOCK 1	1345	CARROLL	4 38 41	85 11	480	11	58				1 2 3	C
CCELIA	1406	HARDIN	8 37 40	85 57	734	65	65				1 2 3	
CLAY CITY 1 WNW	1576	POWELL	4 37 52	83 56	712	6					1 2 3	
CLERMONT 1 SSE	1611	BULLITT	8 37 55	85 40	540	11	11				1 2 3	
CLINTON	1631	HICKMAN	6 36 41	89 00	390						2 C	
COBB	1663	CALDWELL	2 36 58	87 17	490	5					1 2 3	
COLLEGE HILL LOCK 11	1704	ESTILL	4 37 47	84 06	611	53					2	
COVINGTON WB AIRPORT	1855	BOONE	7 39 04	84 40	869	15	15				1 2 3	C
CUMBERLAND FALLS ST PK	1969	WHITLEY	2 36 50	84 19	1070	11					2	
CYNTHIANA	1975	HARRISON	5 38 23	84 18	684	45					1 2 3	C
CYNTHIANA 2	2003	HARRISON	5 38 23	84 17	719	11	11				1 2 3	
DANVILLE	2040	BOYLE	4 37 39	84 46	955	29	53				1 2 3	C
DAVELLA	2053	HARTIN	1 37 48	82 32	700						2 C	
DELPHIA 1 E	2132	PERRY	3 37 02	87 07	1640	22					1 2 3	C
DEMA	2139	KNOTT	1 37 25	82 48	850	9					1 2 3	C
DEWEY DAM	2180	FLOYD	1 37 45	82 47	653	9	11				1 2 3	C
DIX DAM	2214	MERCER	4 37 48	84 43	870	9	9				1 2 3	C
DUNDEE 4 ESE	2358	OHIO	3 37 33	86 43	431	21					2 C	
DUNHORN	2366	MUHLBERG	3 37 05	87 00	592	22					2	
DYER	2391	BRECKINRIDGE	3 37 43	86 13	793						2 C	
EDDYVILLE LOCK F	2445	LYON	2 37 03	88 05	825						2	
EDMONTON	2469	METCALFE	3 37 00	85 37	865	19					2 C	
ELIZABETHTOWN	2510	HAROLD	3 37 41	85 52	739	6	10				1 2 3	
ELKHORN CITY	2528	PIKE	1 37 18	82 21	800	11					2	
ELKTON 2 S	2548	TODD	2 36 47	87 10	520	4					1 2 3	
FALMOUTH	2775	PENDLETON	5 38 40	84 20	560	7	75				1 2 3	
FARMERS	2791	ROWAN	5 38 09	83 33	668	56	57				1 2 3	
FLEMINGSBURG	2903	FLEMING	5 38 25	83 43	858	38					2	
FLEMINGSBURG 2	2908	FLEMING	5 38 25	83 45	911	5	5				1 2 3	C
FORD LOCK 10	2953	MADISON	4 37 54	84 16	660	15	36				1 2 3	C
FORDS FERRY DAM 50	2961	CRITTENDEN	7 37 28	88 06	354	15	36				1 2 3	C
FRANKFORT LOCK 4	3028	FRANKLIN	4 38 14	84 52	504	78	80				1 2 3	
FRANKLIN 1 E	3036	SIMPSON	3 36 43	86 34	690	-					2	
FREEBURN 2 SW	3046	PIKE	1 37 33	82 10	730	9					2	
FRENCHBURG	3052	MENEFEE	5 37 57	83 39	864	11					2	
GAMALIEL 1 S	3112	MONROE	3 36 38	85 48	750	5					2	
GEORGETOWN WATER WORKS	3194	SCOTT	4 38 12	84 33	888	20					1 2 3	
GEST LOCK 3	3203	HENRY	4 38 25	84 53	490	53					2 C	
GLASGOW	3241	BARREN	3 37 00	85 55	780	33					2	
GLASGOW WKAY	3246	BARREN	3 37 00	85 55	808	9	9				1 2 3	
GLENDALE 1 E	3252	HARDIN	3 37 36	85 54	710	11					1 2 3	
GOLDEN POND 8 N	3295	TRIGG	2 36 54	88 00	393	9					1 2 3	
GRANT DAM 38	3358	BOONE	7 38 59	84 50	503	37					2	
GRAYSON 1 SE	3392	CARTER	7 38 19	82 56	900	3	3				1 2 3	
GREENSBURG	3430	GREEN	3 37 15	85 30	630	69	75				1 2 3	
GREENSBURG 1 S	3435	GREEN	3 37 15	85 30	595	12					1 2 3	
GREENVILLE 2 W	3451	MUHLBERG	3 37 12	87 12	519	46	46				1 2 3	
HALEYS MILL	3539	KNOTT	3 37 03	87 20	740						2 C	
HARTFORD 6 NW	3652	OHIO	3 37 32	86 54	429	24					2 C	
HAZARD	3709	PERRY	4 37 15	83 12	849						1 2 3	
HAZARD WATER WORKS	3714	PERRY	4 37 15	83 11	880	12					1 2 3	
HEIDELBERG LOCK 14	3741	LEE	4 37 33	83 46	663	29	47				1 2 3	C
HENDERSON 7 SSW	3767	HENDERSON	7 37 45	87 38	382	40	48				1 2 3	
HERNDON	3798	CHRISTIAN	2 36 44	87 34	512	12	12				1 2 3	C
HICKMAN 1 E	3816	FULTON	6 36 34	89 10	362	12	12				1 2 3	
HICKSVILLE	3821	GRAVES	9 36 48	89 30	440	15					2	
HIGH BRIDGE LOCK 7	3837	JESSAMINE	4 37 49	84 53	544	60					2	
HINDMAN	3899	KNOTT	4 37 20	82 59	1190	14	14				1 2 3	
HODGENVILLE NAT PARK	3929	LARUE	3 37 32	85 44	788						1 2 3	C
HOPKINSVILLE	3994	CHRISTIAN	2 36 51	87 30	540	66	66				1 2 3	
HYDEN	4093	LESLIE	4 37 10	83 23	890	1	22				1 2 3	
INEZ	4134	MARTIN	1 37 52	82 32	638	11	11				1 2 3	
IRVINGTON	4165	BRECKINRIDGE	3 37 53	86 17	650	65	65				1 2 3	
JACKSON	4196	BREATHITT	4 37 33	83 23	795	1	44				1 2 3	
JEREMIAH	4255	LETCHER	4 37 10	82 56	1150	22					2	
KEENE 1 SSW	4369	JESSAMINE	4 37 57	84 38	941	21					2	
KENTUCKY DAM	4414	LIVINGSTON	9 37 01	88 16	362	24					2	
LA GRANGE 2 NW	4595	OLDHAM	7 38 26	85 23	880	6					2	
LANCASTER	4620	GARRARD	4 37 37	84 35	1032	37					1 2 3	C
LEITCHFIELD	4703	GRAYSON	3 37 19	85 18	642	67	67				1 2 3	C
LEXINGTON WB AIRPORT	4746	FAYETTE	4 38 02	84 36	979	82	83				1 2 3	C
LIBERTY	4755	CASEY	3 37 21	84 55	772	21					2	C
LITTLE HICKMAN LOCK 8	4825	JESSAMINE	4 37 45	84 35	521	52					2	C
LLOYD GREENUP DAM	4848	GREENUP	7 38 39	82 52	537	43					2	C
LOCKPORT LOCK 2	4857	HENRY	4 38 26	84 58	485	52					2	C
LOGLOCK 1 S	4882	CLARK	4 37 51	84 02	773							
LONDON	4893	LAUREL	2 37 08	84 04	1195						1 2 3	C
LONDON FAA AP	4898	LAUREL	2 37 05	84 05	1191	8	8				1 2 3	C
LOUISA 2	4946	LAWRENCE	1 38 07	82 36	585	11					1 2 3	C
LOUISVILLE	4949	JEFFERSON	7 38 14	85 46	462	6					1 2 3	C
LOUISVILLE BOWMAN FLD	4951	JEFFERSON	7 38 13	85 40	558						1 2 3	C
LOUISVILLE WB AP	4954	JEFFERSON	7 38 11	85 44	474	28	28				1 2 3	C
LOUISVILLE UPPER GAGE	4955	JEFFERSON	7 38 17	85 48	403	-					1 2 3	C
LOVELACEVILLE	4957	BALLARD	4 36 58	88 50	370	34	36				1 2 3	C
LUCAS	5002	BARREN	3 36 53	86 02	738						1 2 3	C
MADISONVILLE 1 SE	5067	HOPKINS	3 37 19	87 29	439	15	15				1 2 3	C
MAMMOTH CAVE PARK	5097	EDMONSON	3 37 11	86 05	800	27	27				1 2 3	
MANCHESTER 4 SE	5111	CLAY	4 37 06	83 43	850	11	11				1 2 3	
MARTIN	5171	FLOYD	1 37 34	82 45	660	22					1 2 3	
MAYFIELD	5230	GRAVES	6 36 44	88 39	364	48	19				1 2 3	
MAYSVILLE DAM 33	5243	MASON	7 38 38	83 42	515	66	65				1 2 3	C
MC KEE	5291	JACKSON	2 37 26	84 00	1000	11					2	
MC KINNEYSBURG	5301	PENDLETON	5 38 36	84 16	662						2	C
META	53											

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky or to any Weather Bureau Office near you.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F; precipitation and evaporation in inches, and wind movement in miles.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Climatological divisions, outlined on the maps in this bulletin became effective with data for June 1956.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried in the June and December issues of Climatological Data.

- No record.

+ Also earlier date (dates) or months.

* Amount included in the following measurement.

Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

B Adjusted to full month.

C Data for recorder stations denoted by "C" in the "Refer to tables" column of the Station Index are processed for special purposes and published in "Hourly Precipitation Data". Length of record for recorder - only stations may be found in the annual issue of "Hourly Precipitation Data".

E Amount is wholly or partially estimated.

M One or more days record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.

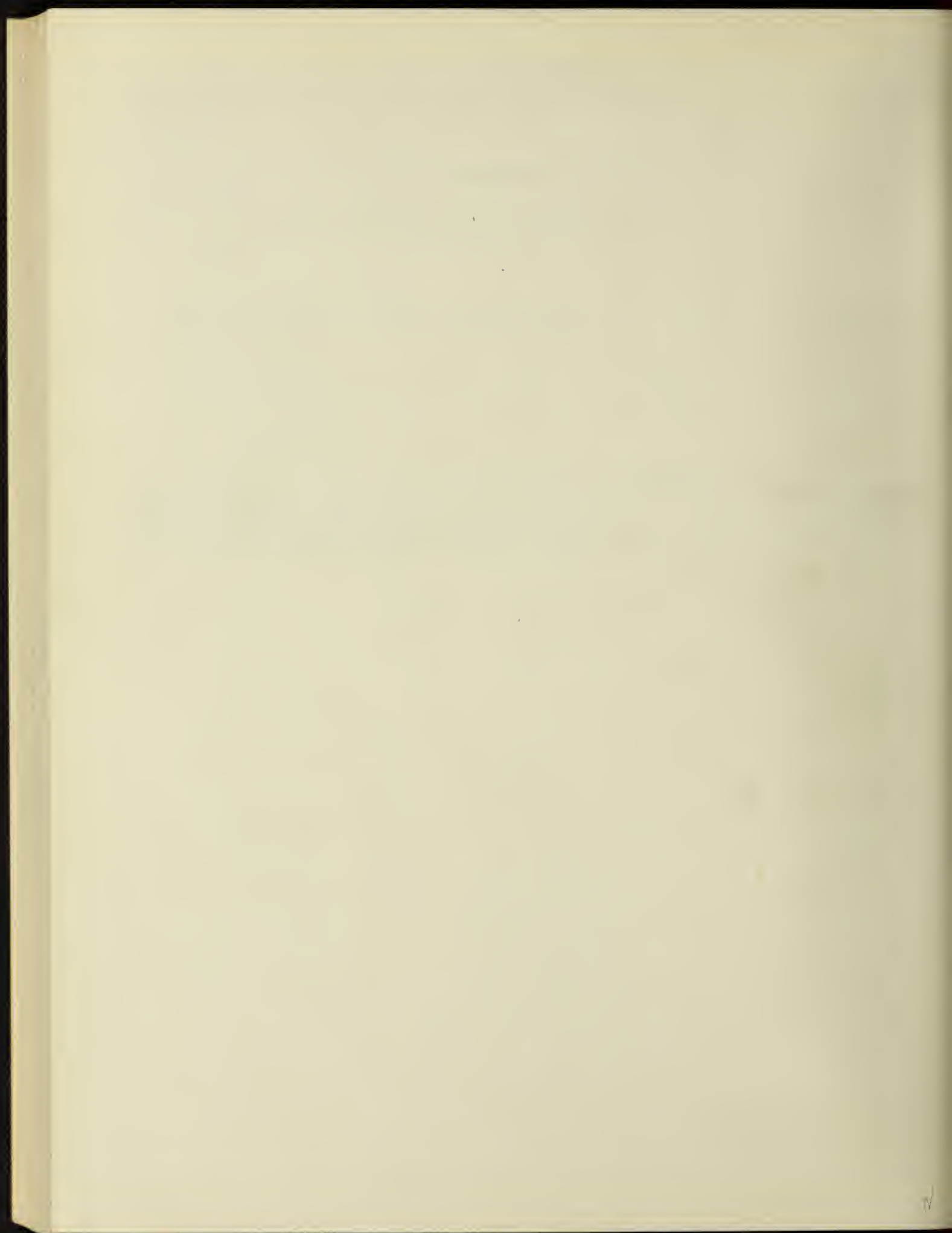
T Trace, an amount too small to measure.

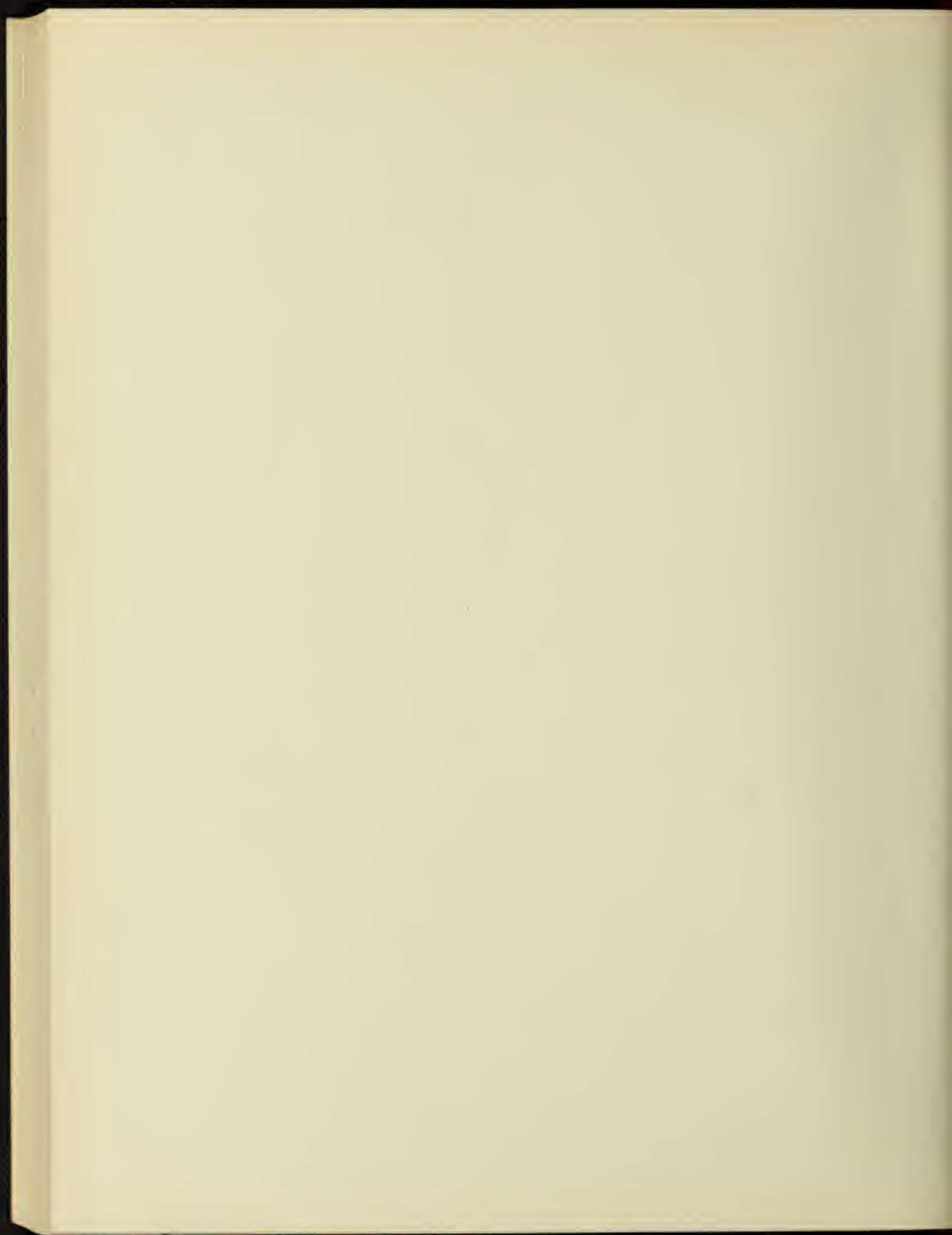
V Includes total for previous month. V in annual column means total is for a two-year period.

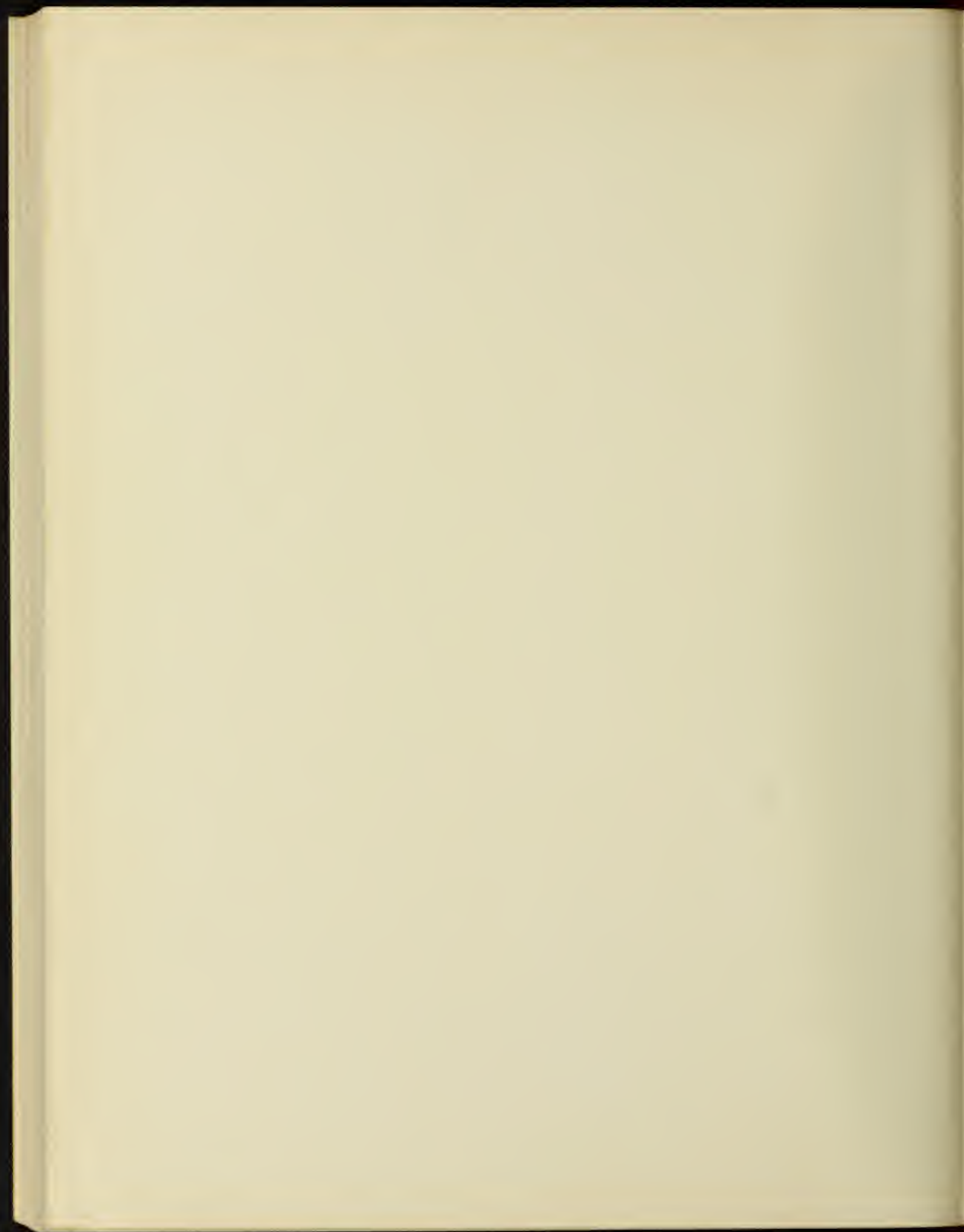
Information concerning the history of changes in location, elevations, exposures, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, obtained as indicated above, price 15 cents.

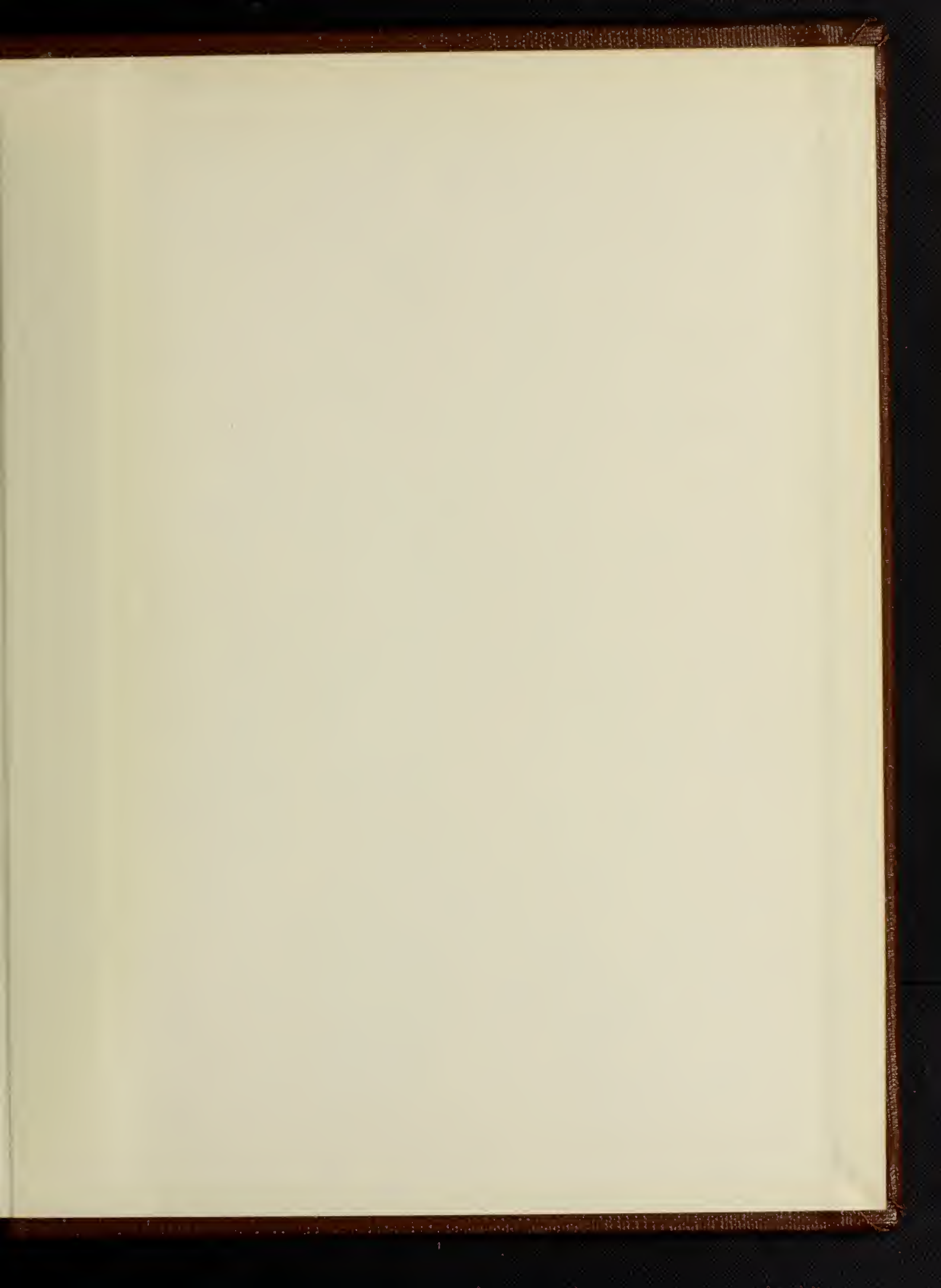
Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks, and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 3/5/62 --- 900

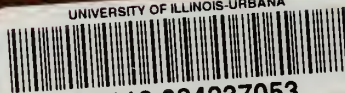








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